

**FIG. 1A**  
**(RELATED ART)**

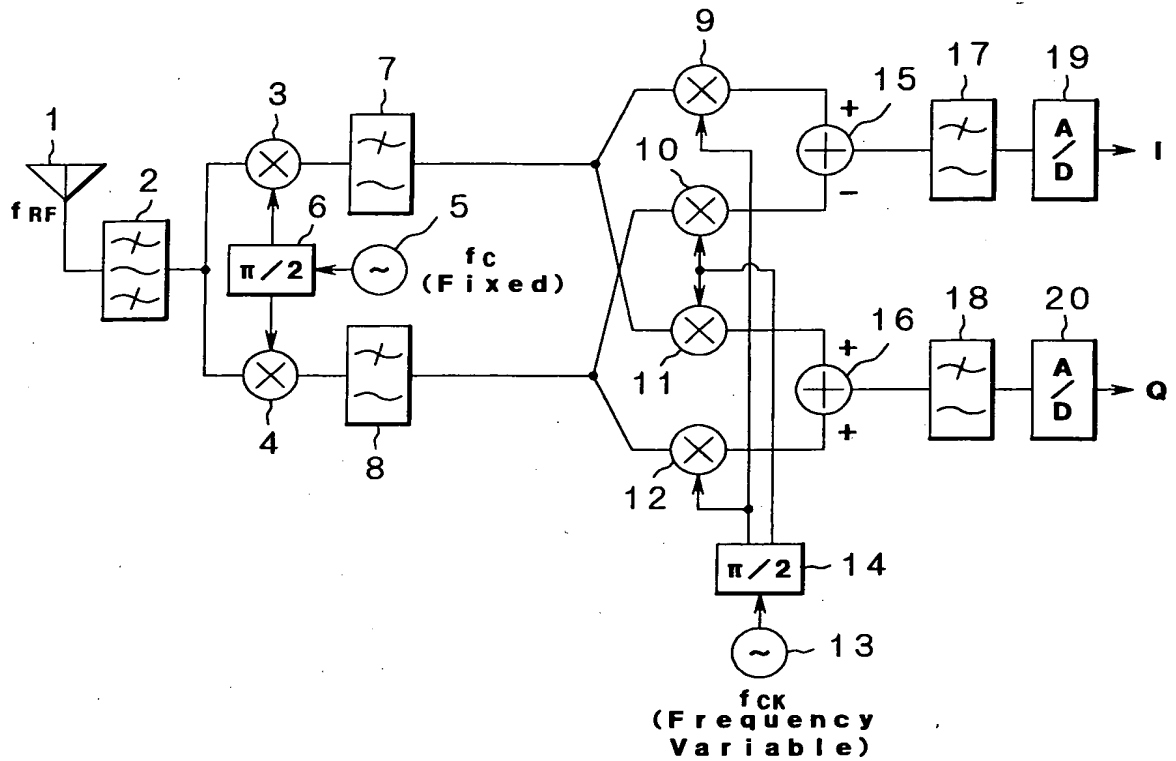


FIG. 1B  
(RELATED ART)

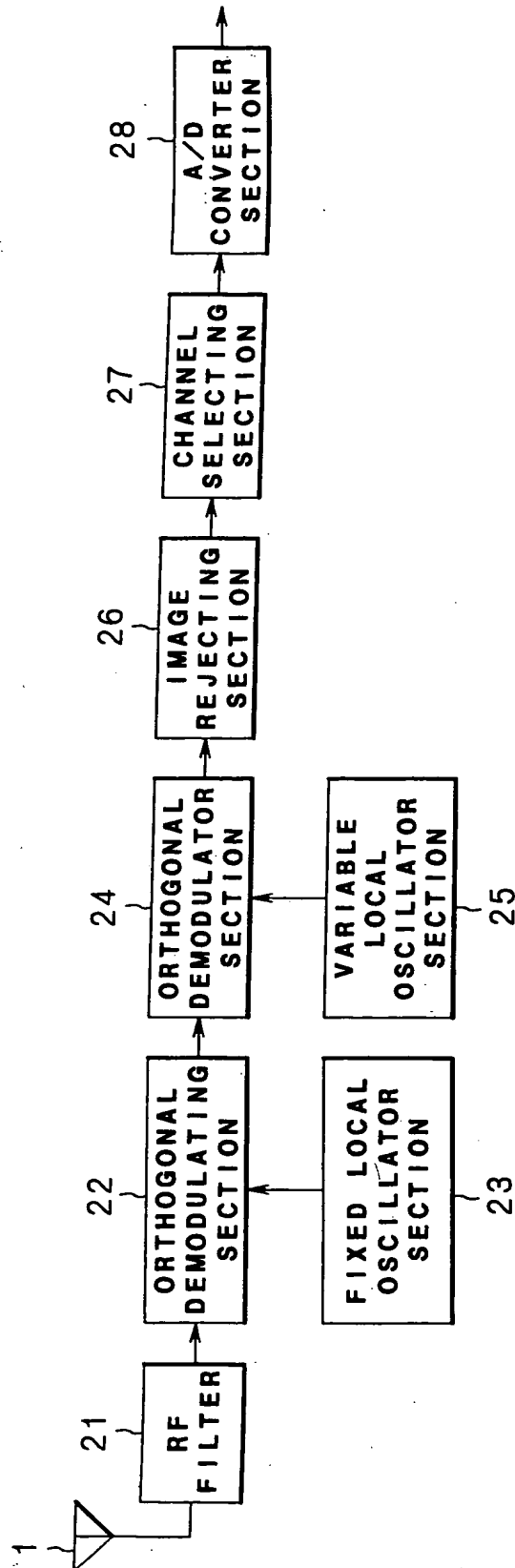


FIG.2A  
(RELATED ART)

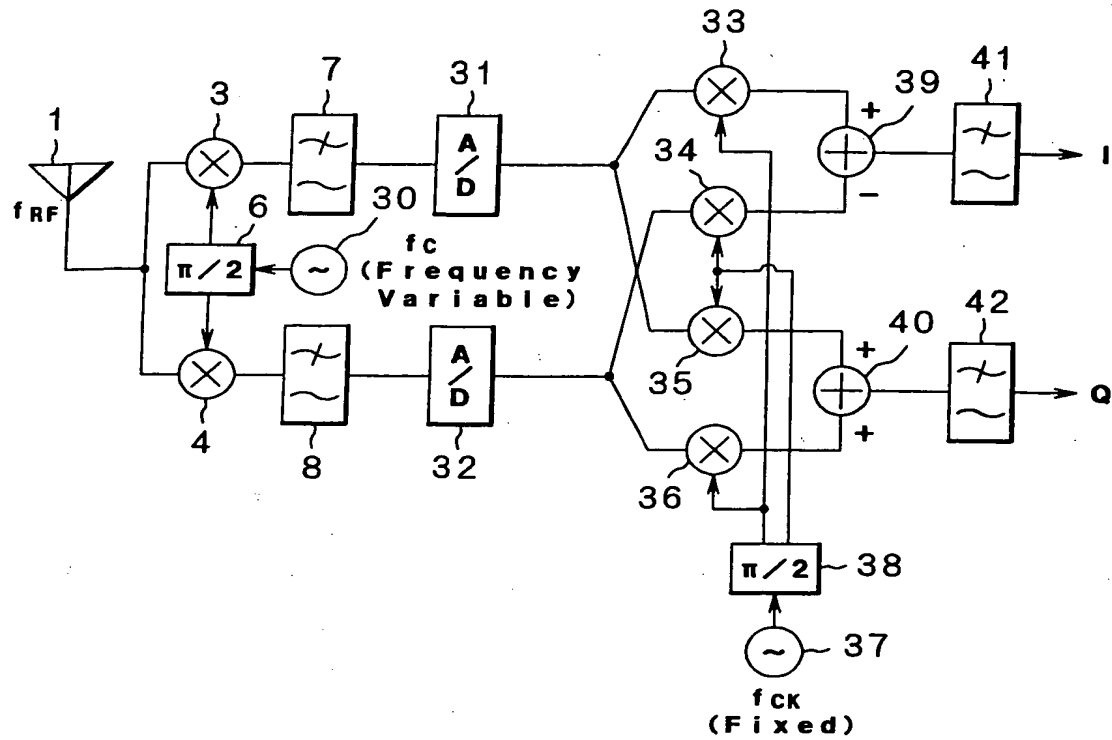
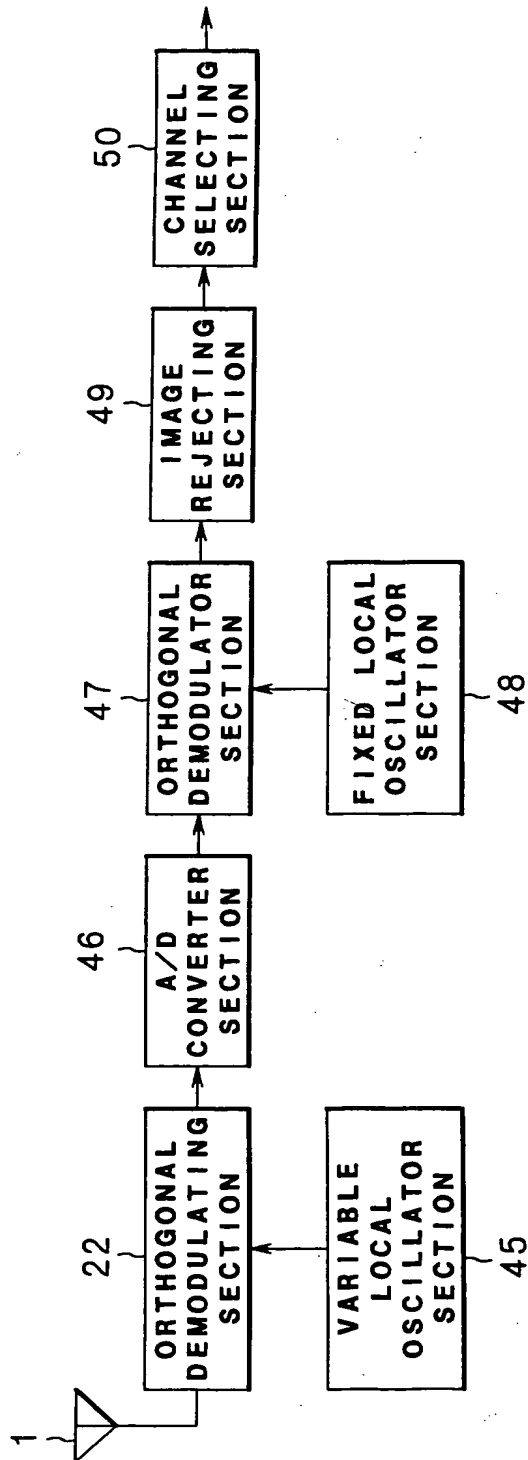


FIG. 2B  
(RELATED ART)



**FIG.3A**  
**(RELATED ART)**

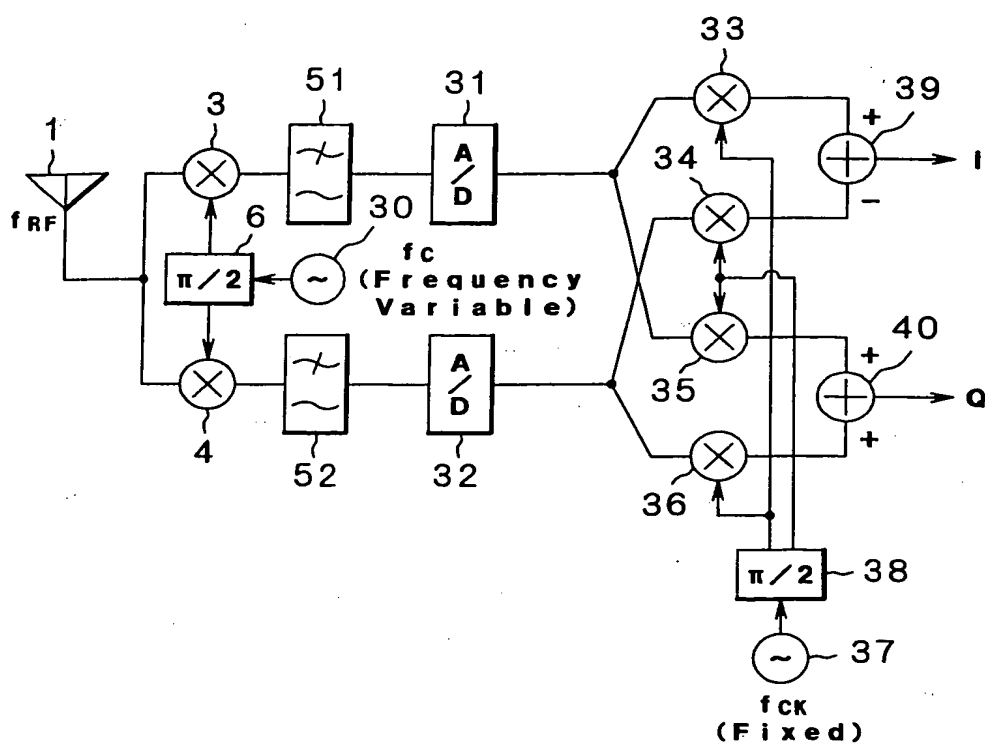


FIG.3B  
(RELATED ART)

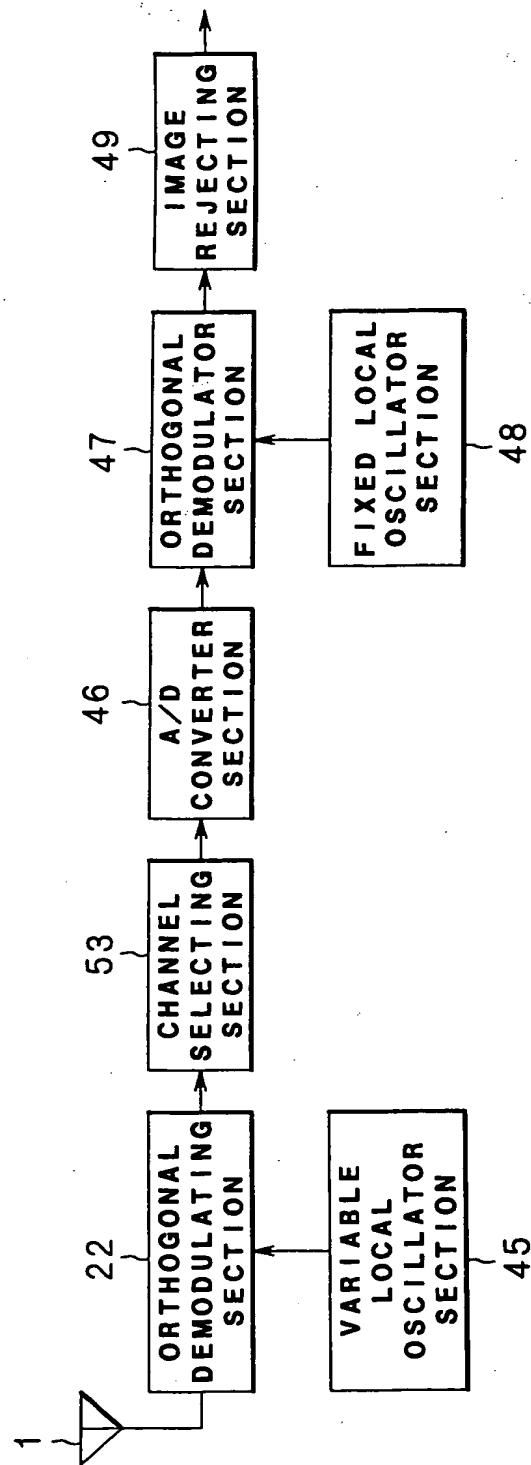
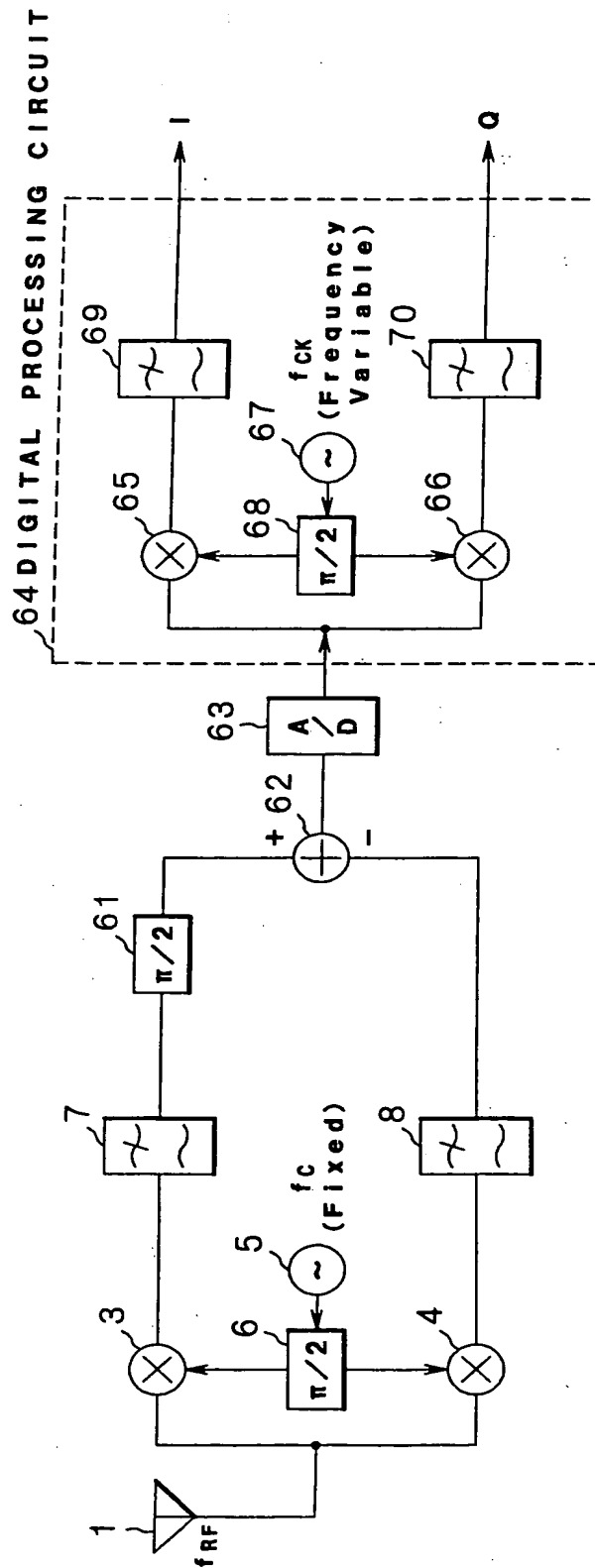
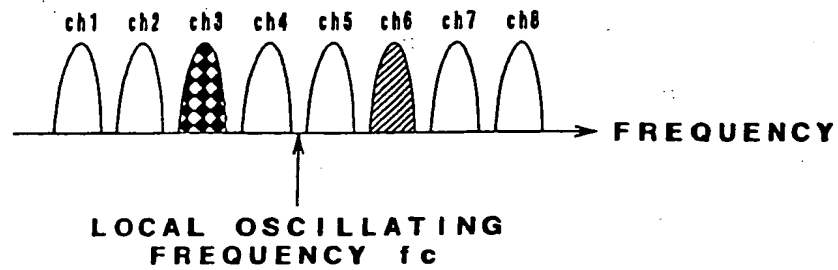


FIG.4  
(RELATED ART)

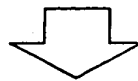
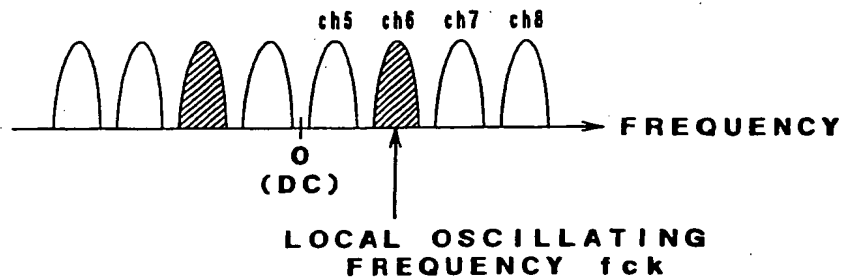


**FIG.5A**  
**(RELATED ART)**



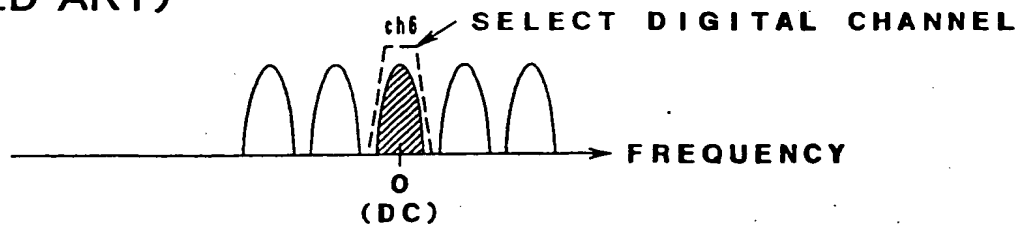
**ANALOG ORTHOGONAL  
DEMODULATION**

**FIG.5B**  
**(RELATED ART)**



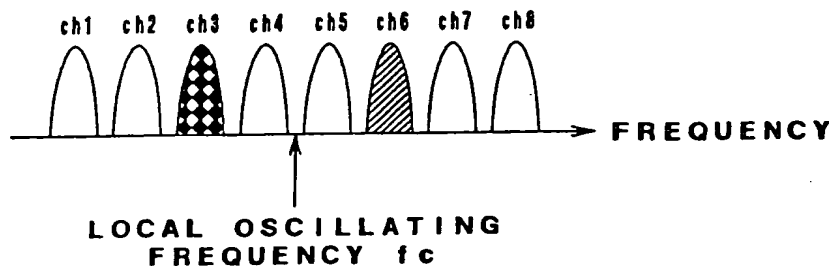
**DIGITAL ORTHOGONAL  
DEMODULATION**

**FIG.5C**  
**(RELATED ART)**



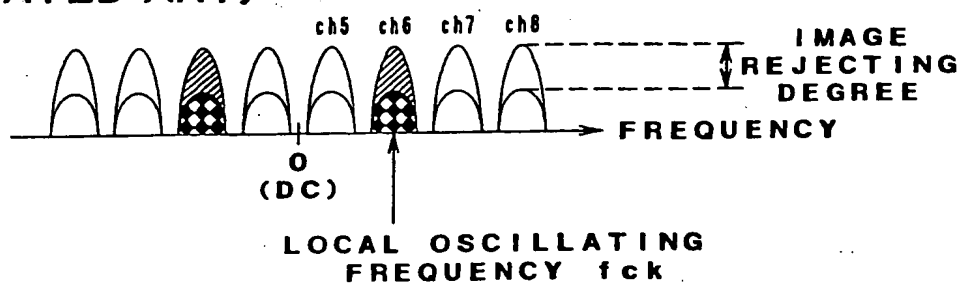


**FIG.6A**  
**(RELATED ART)**



ORTHOGONAL  
DEMODULATION

**FIG.6B**  
**(RELATED ART)**



A/D CONVERSION,  
DIGITAL ORTHOGONAL  
DEMODULATION

**FIG.6C**  
**(RELATED ART)**

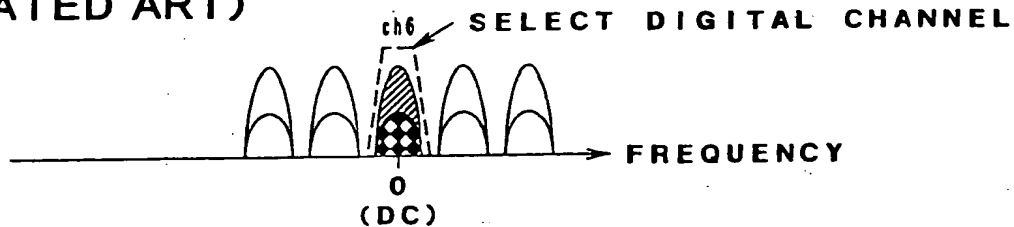


FIG. 7

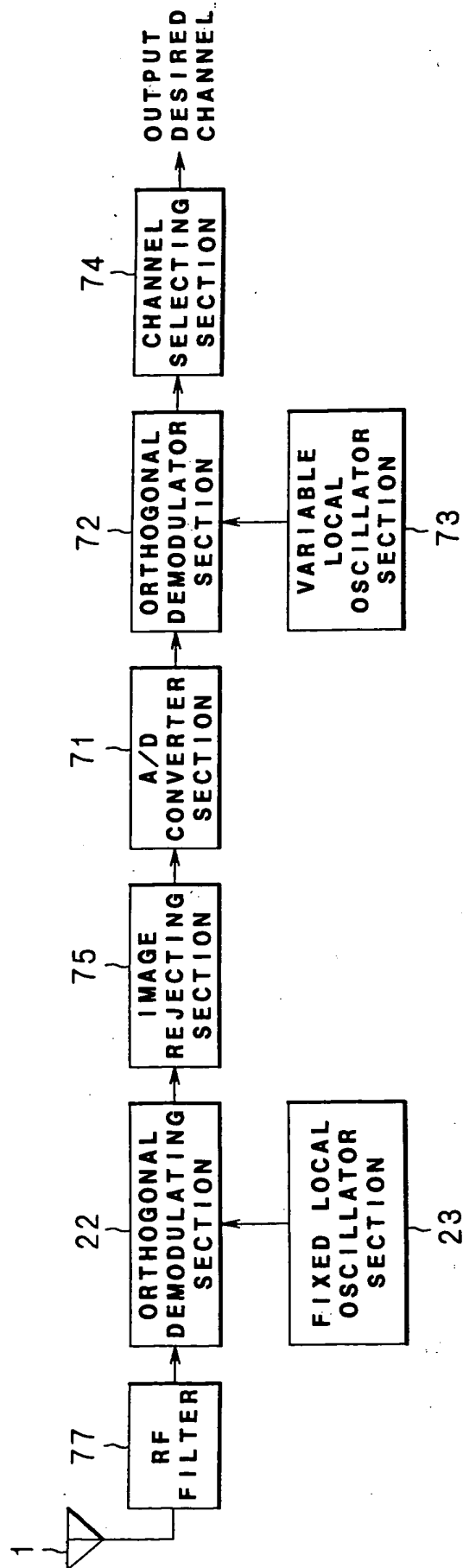


FIG.8

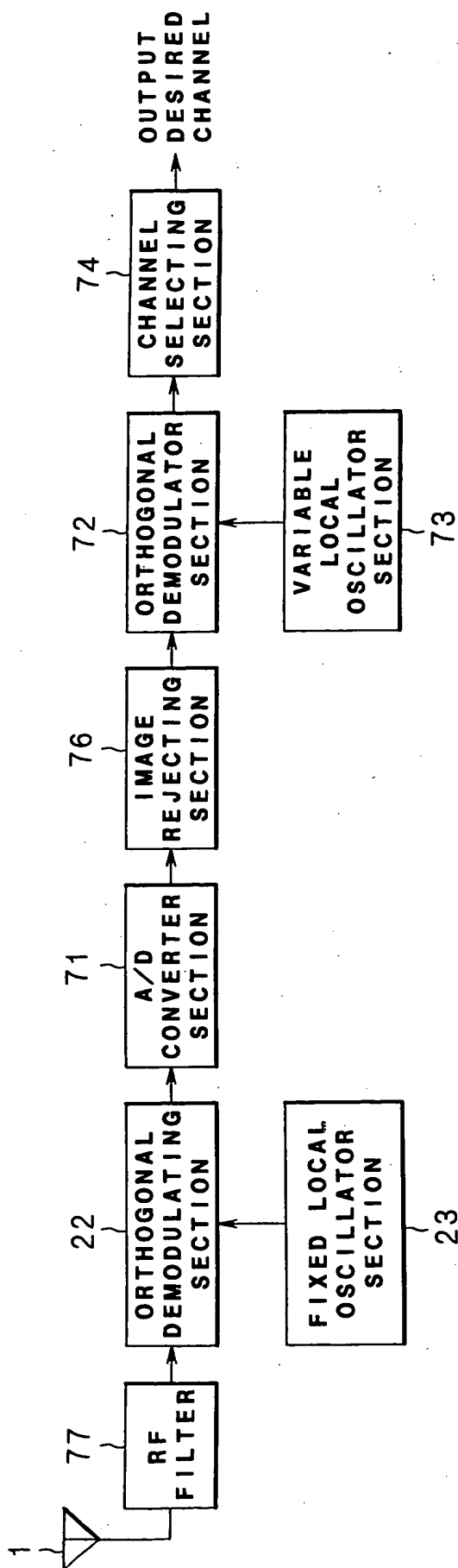


FIG. 9

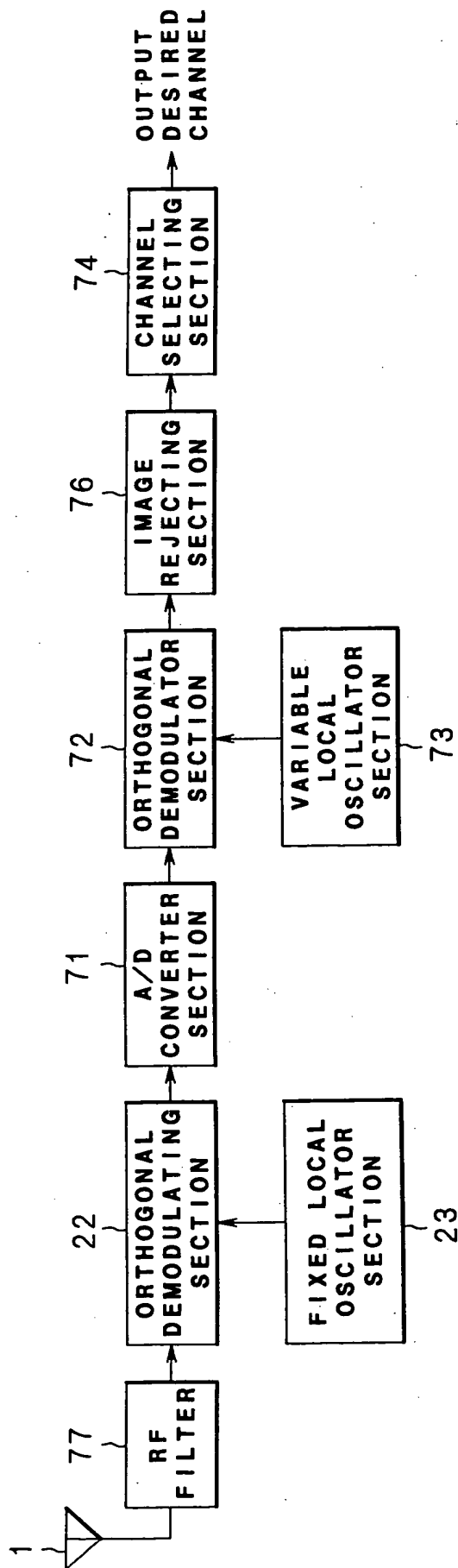


FIG.10

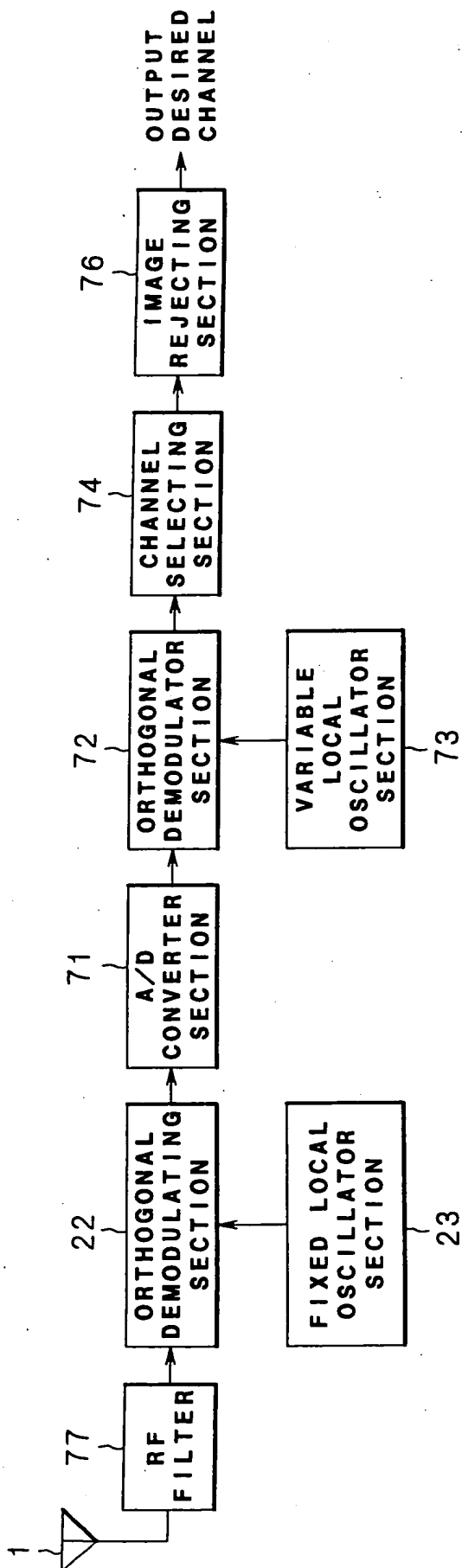


FIG.11A

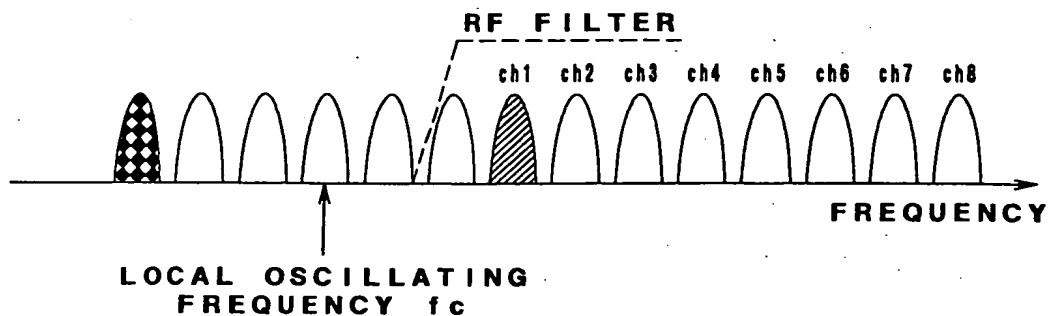


FIG.11B

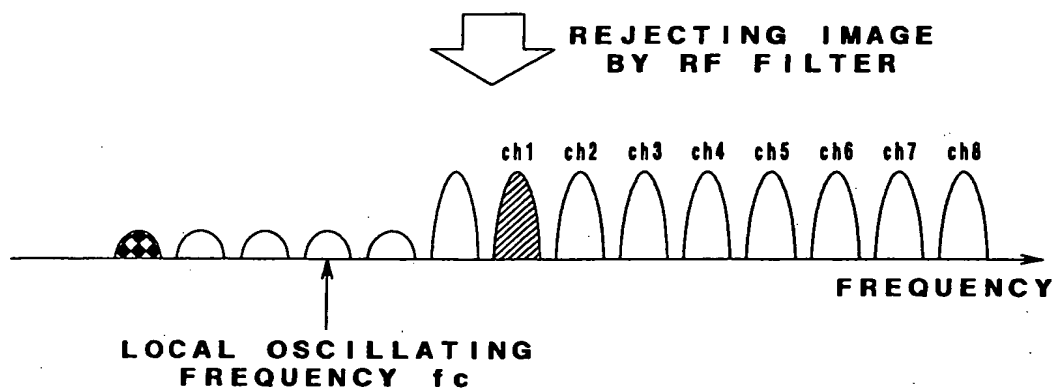


FIG.11C

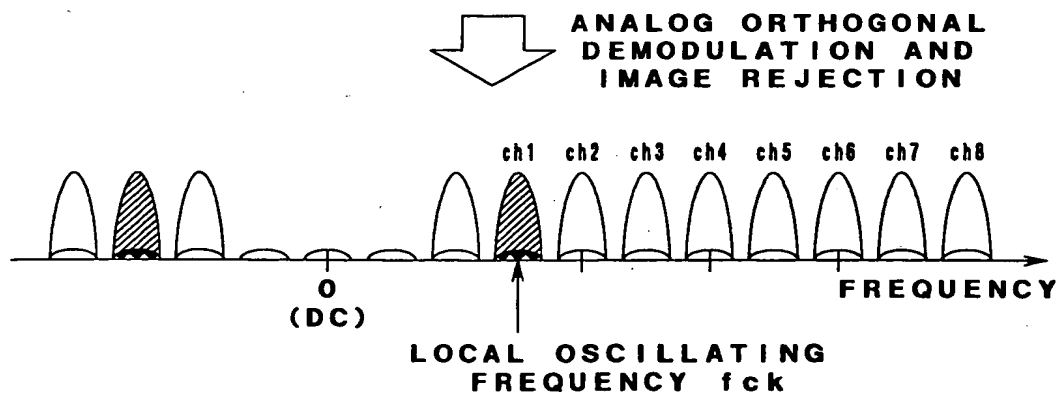


FIG.11D

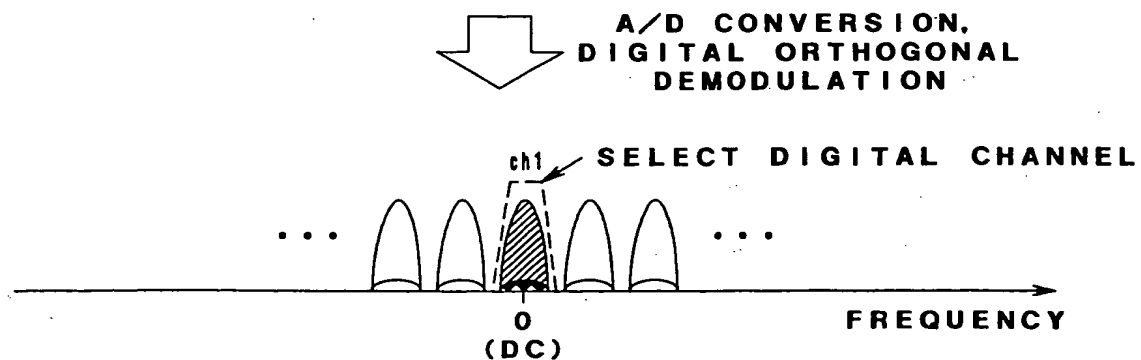


FIG.12

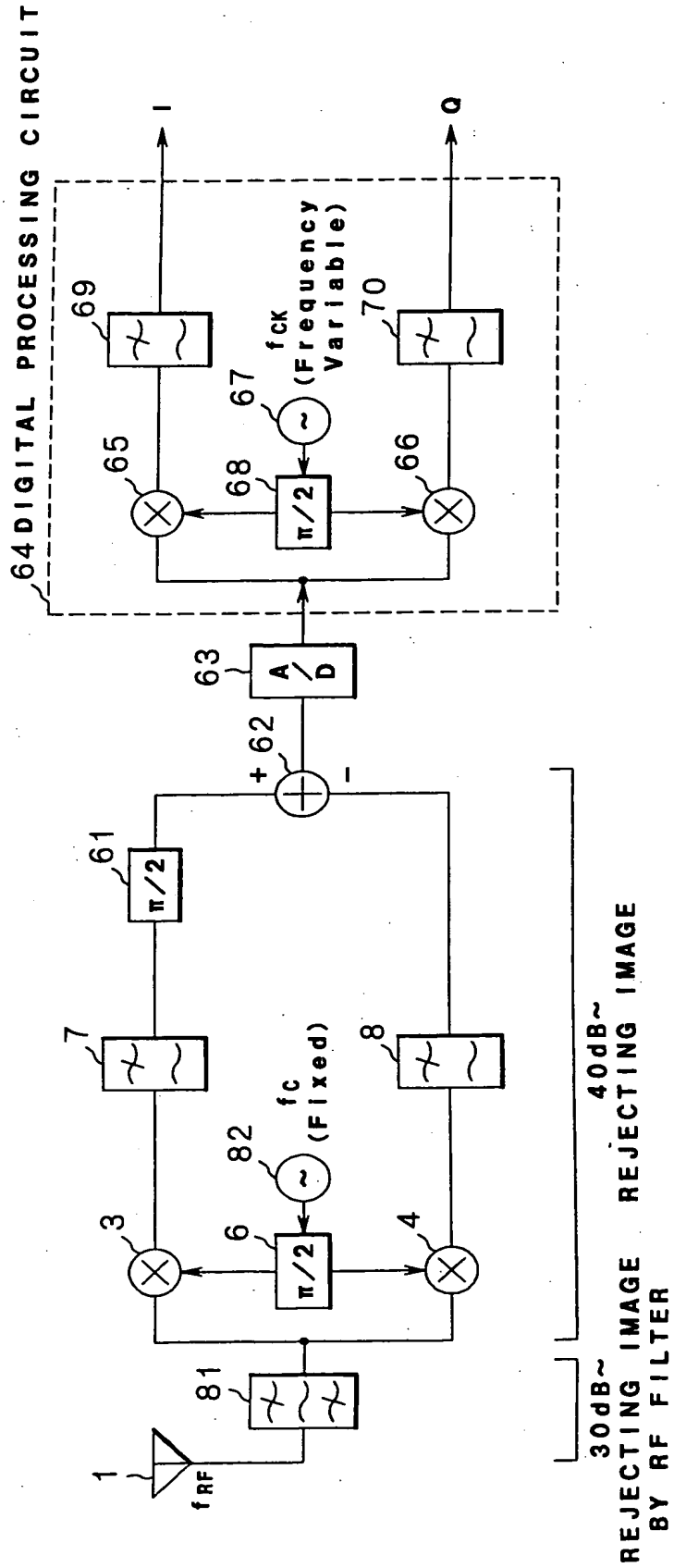


FIG.13

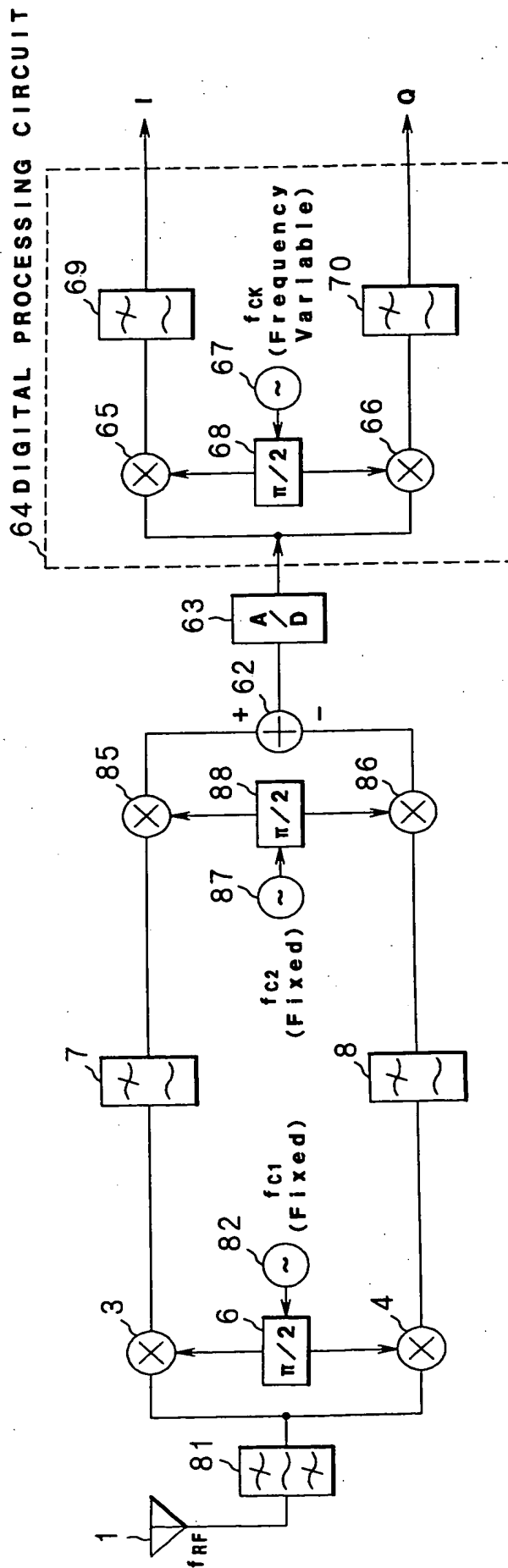




FIG.14

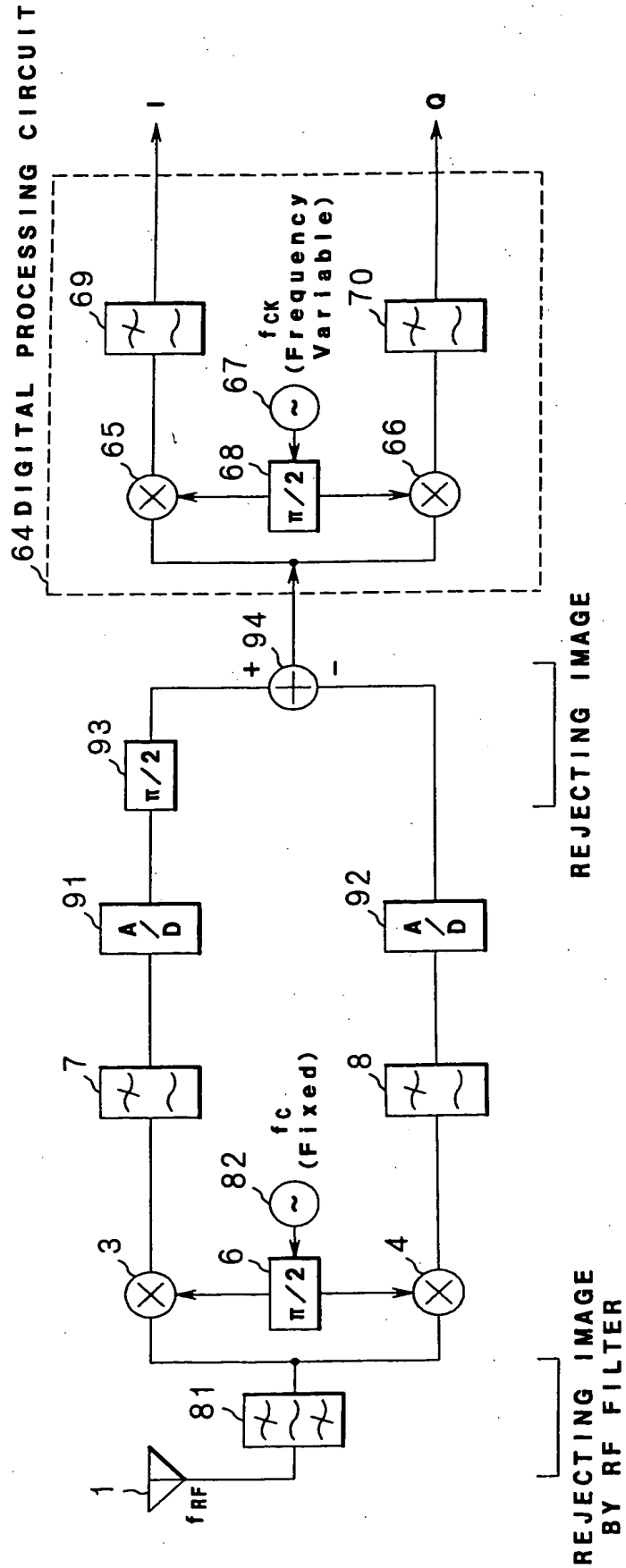


FIG.15

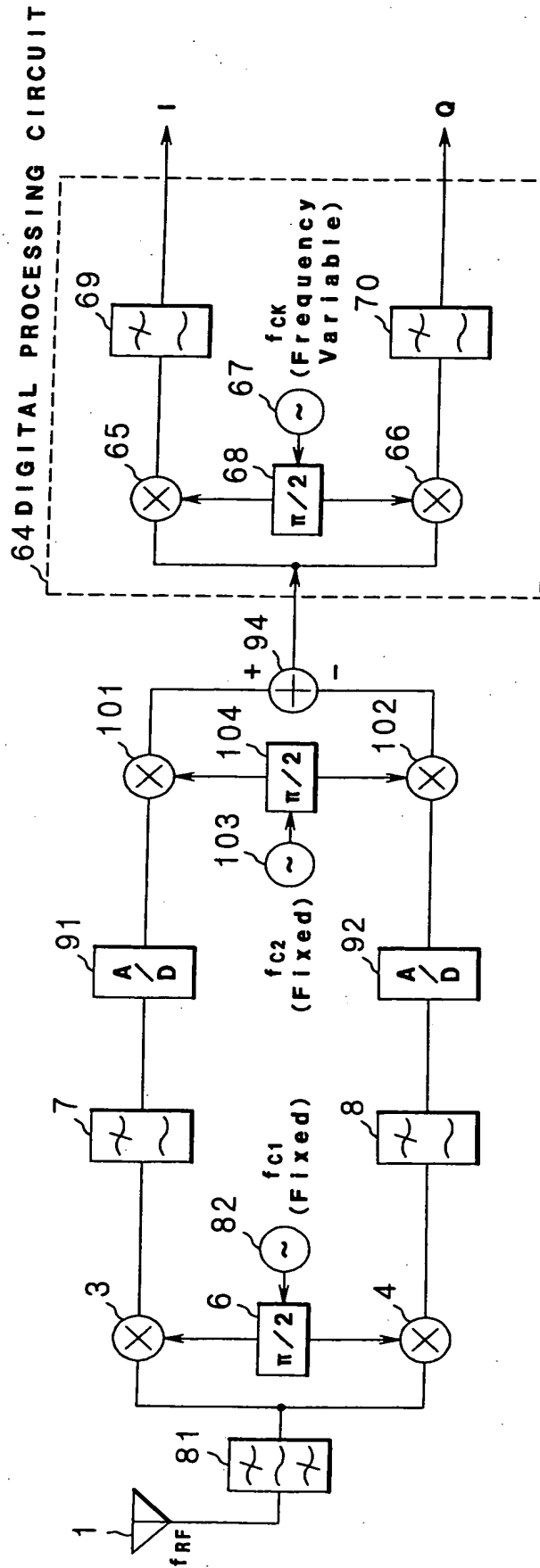


FIG.16

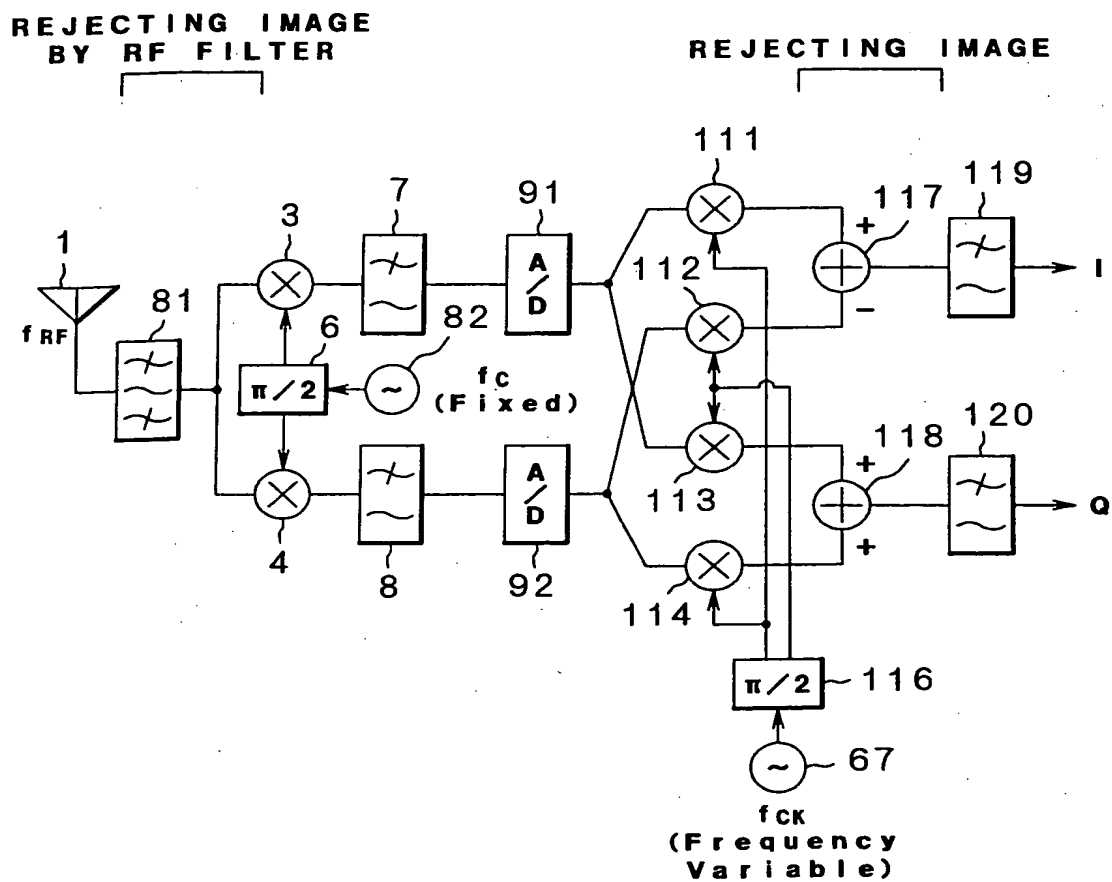


FIG.17

REJECTING IMAGE  
BY RF FILTER

REJECTING IMAGE

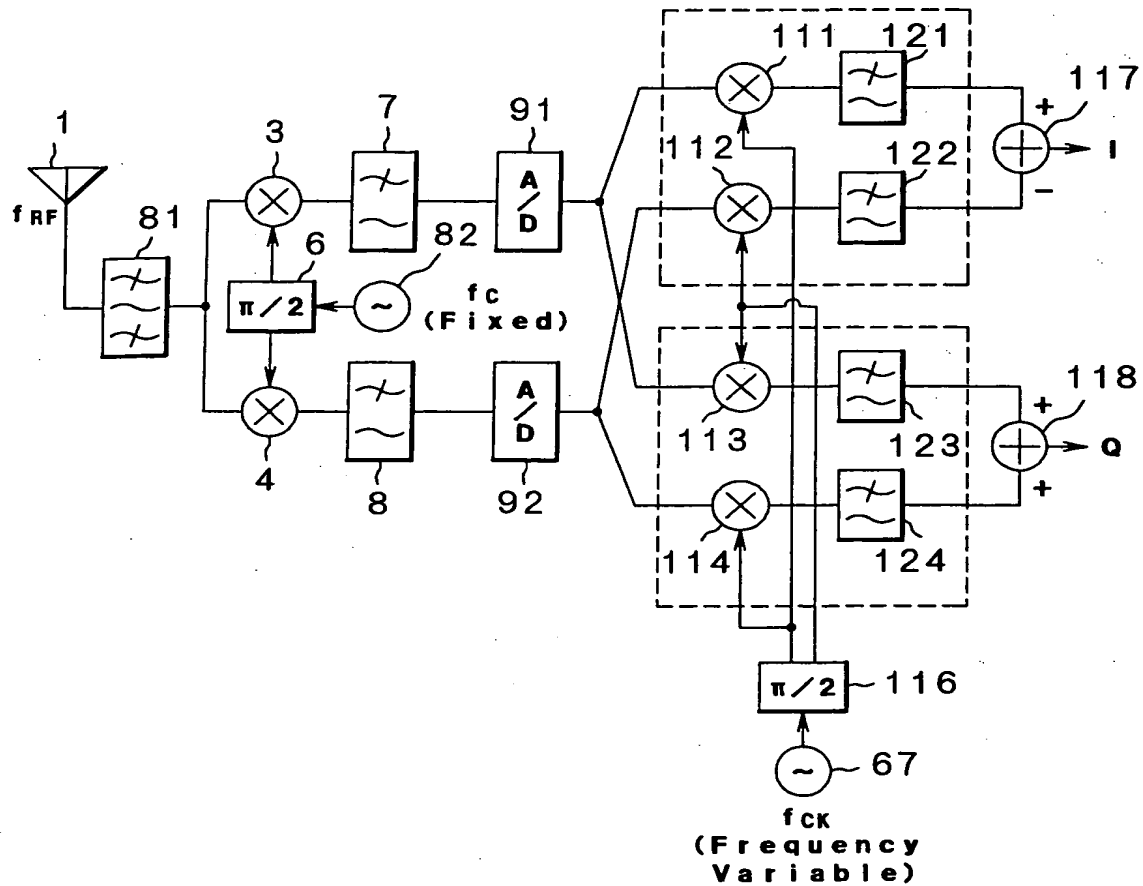


FIG.18

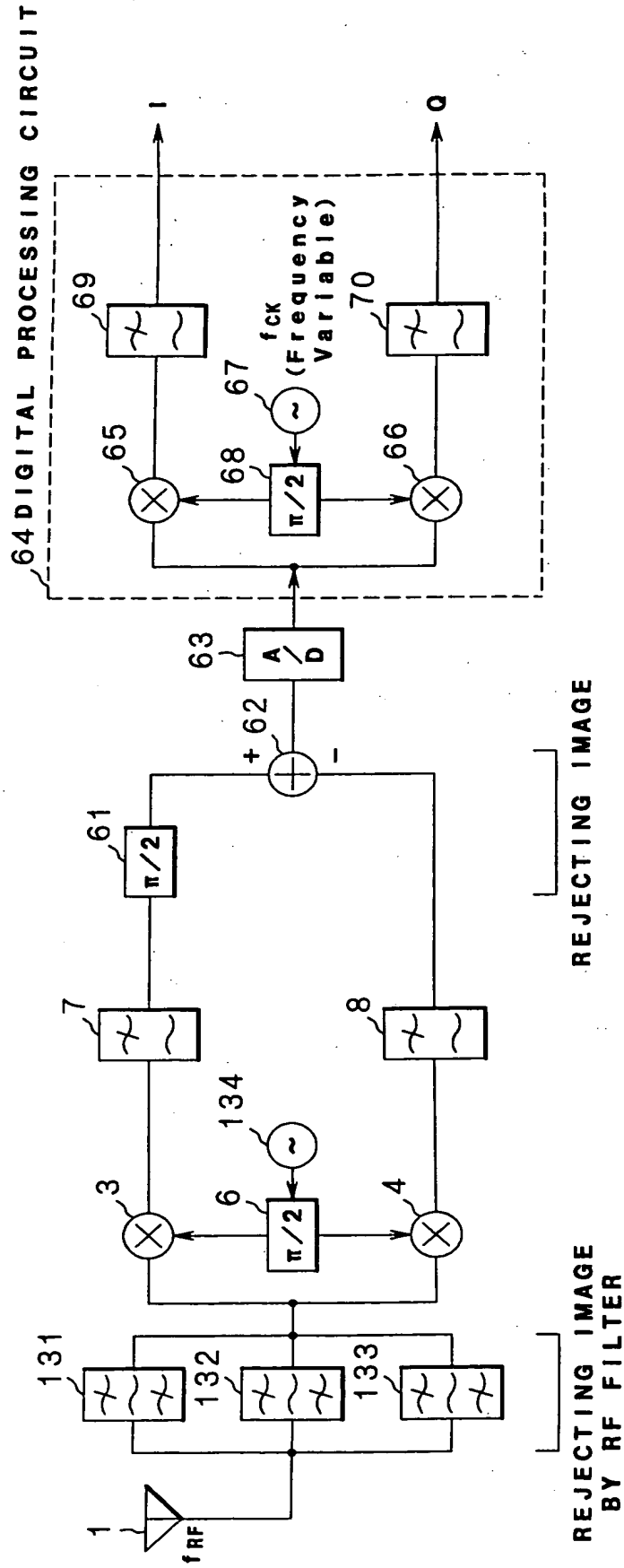


FIG.19

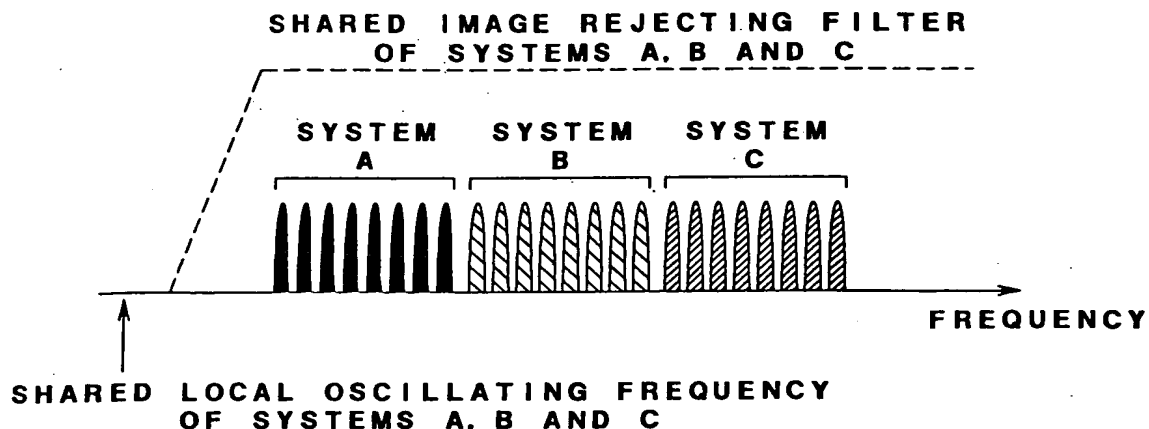


FIG.20

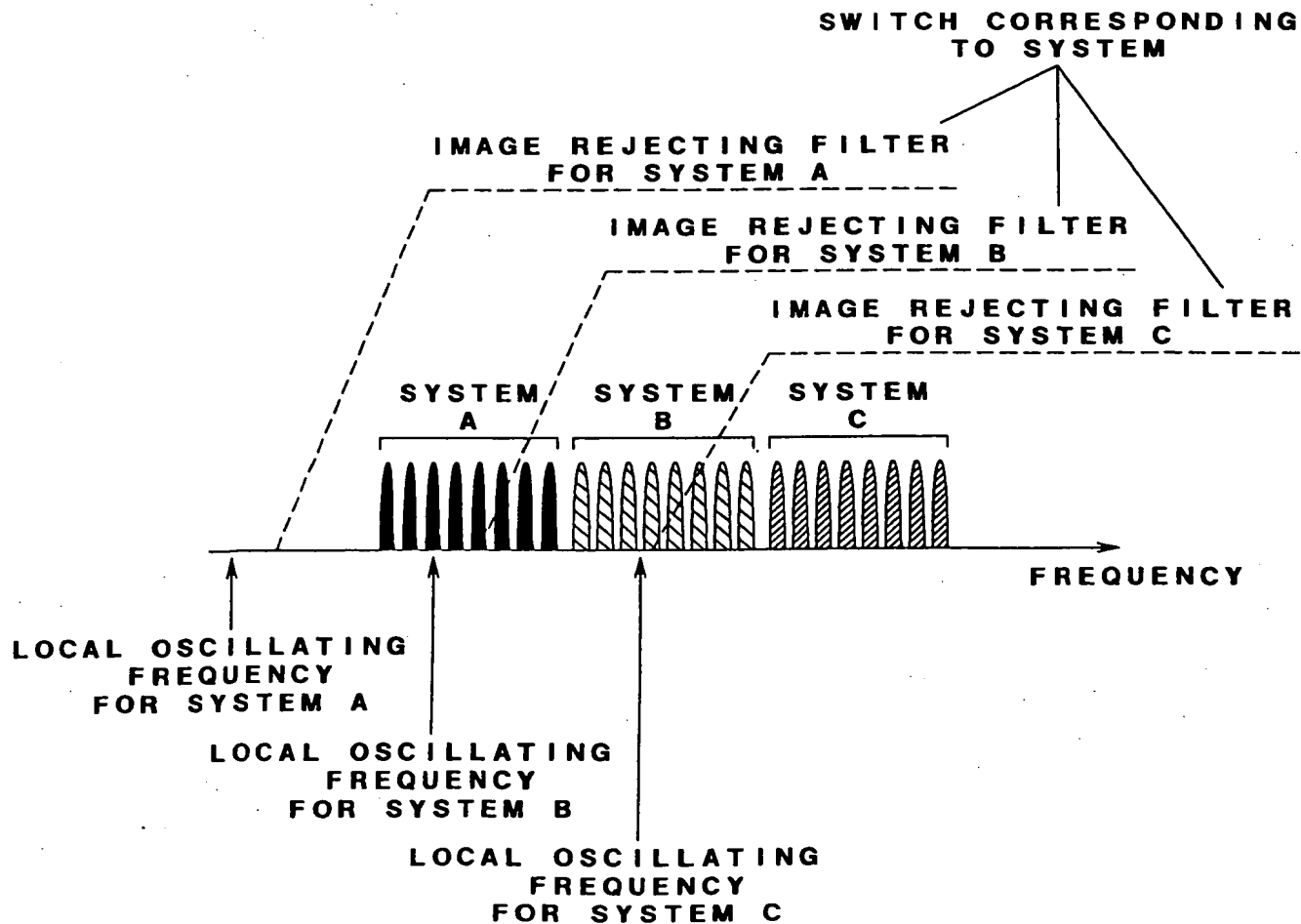


FIG. 21

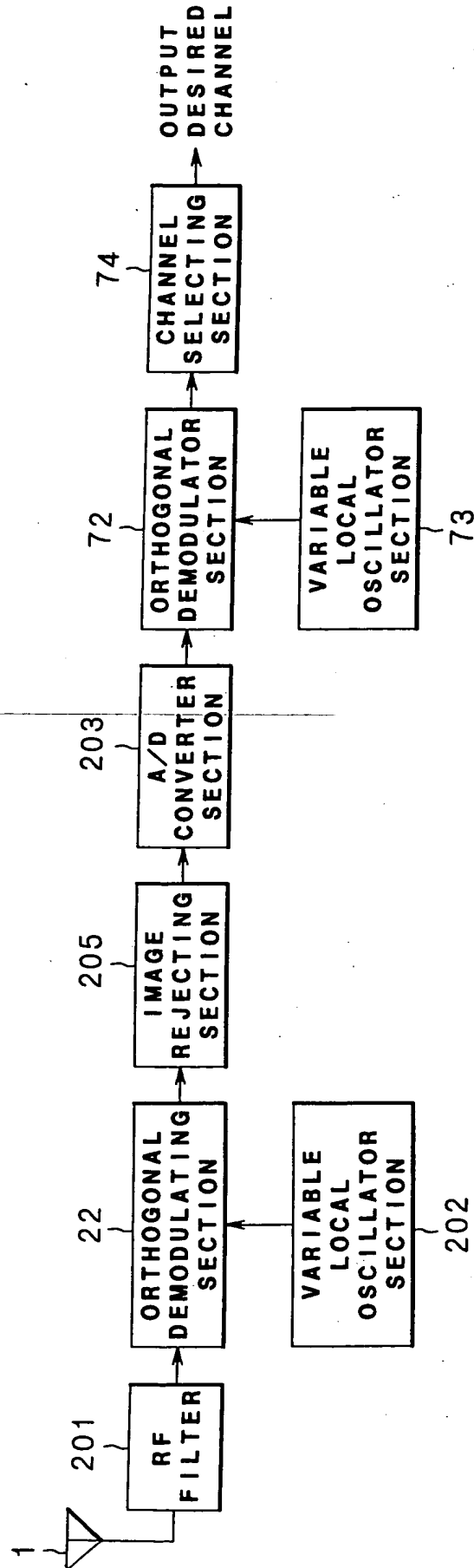


FIG.22

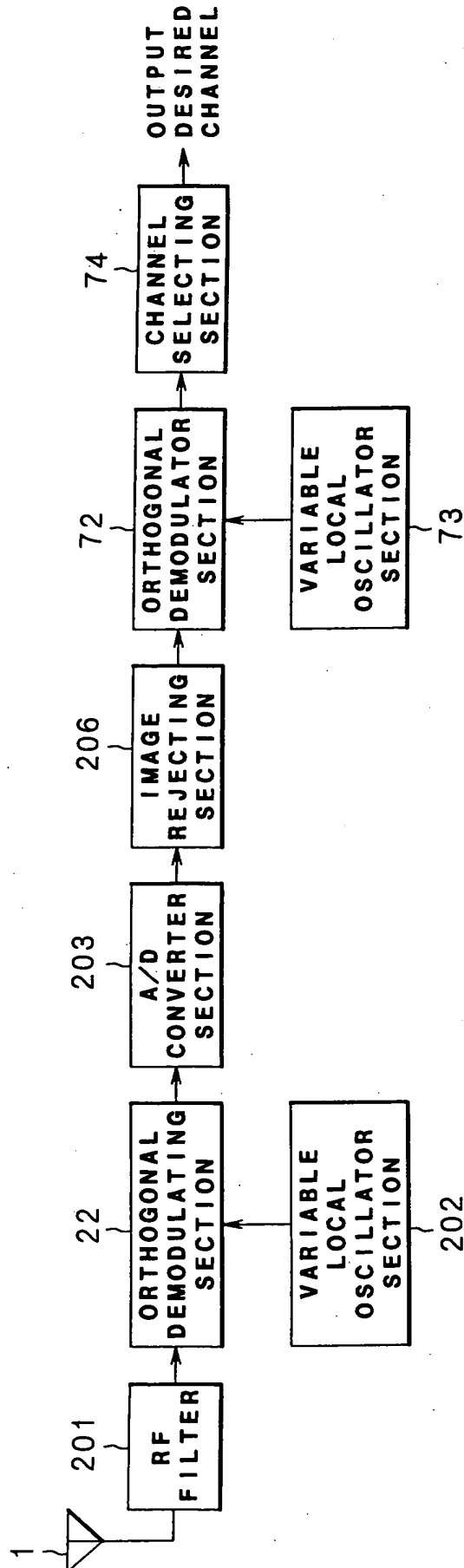




FIG. 23

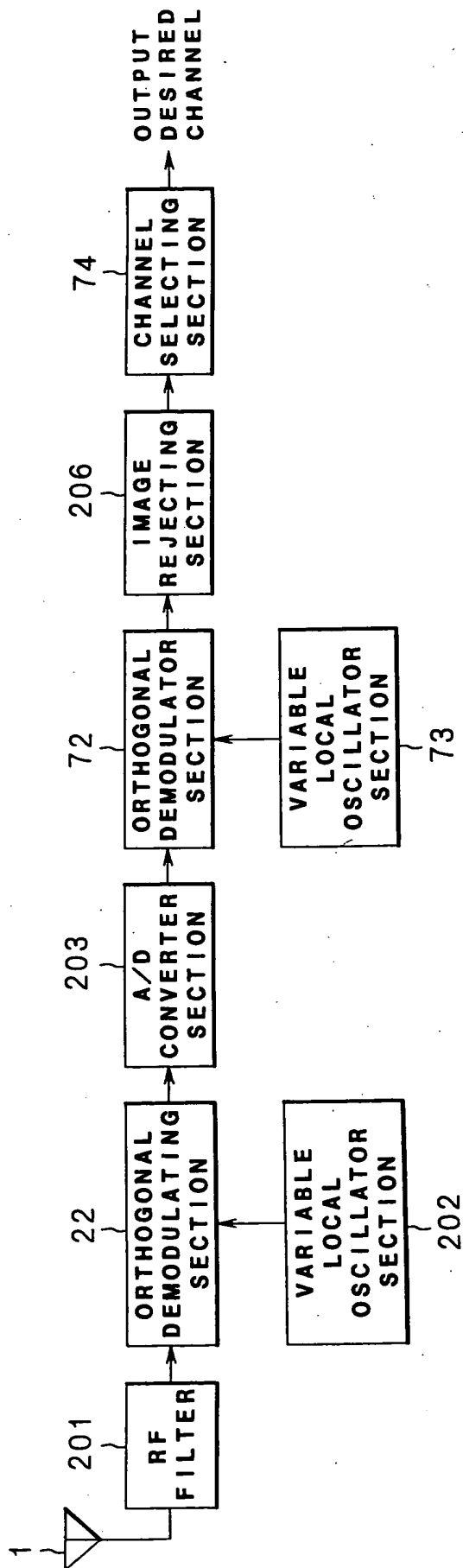
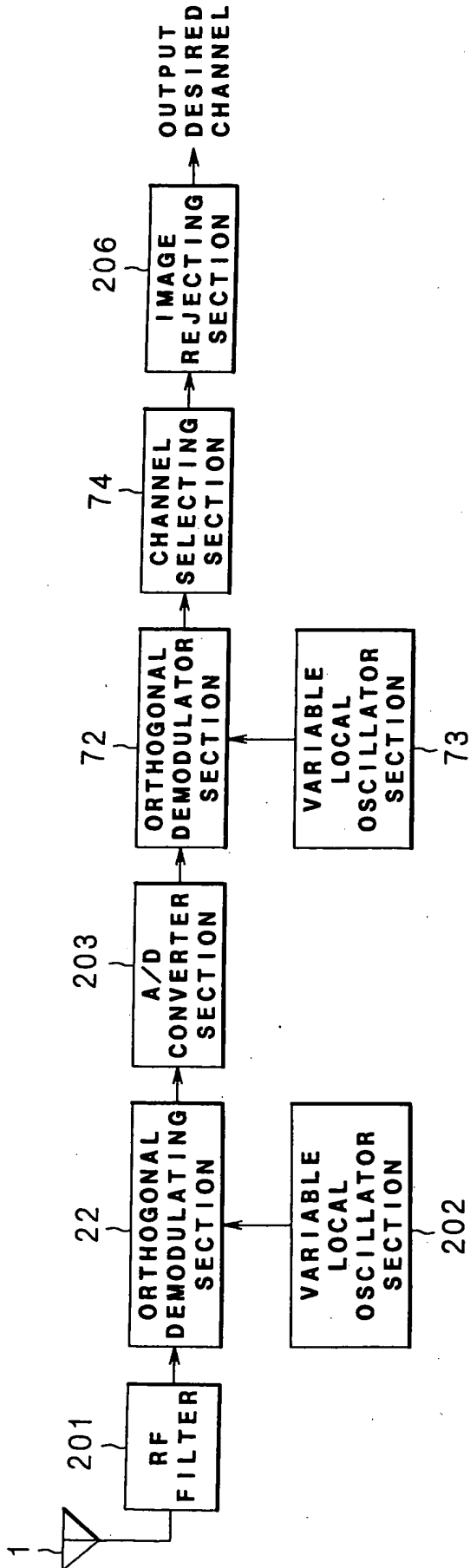
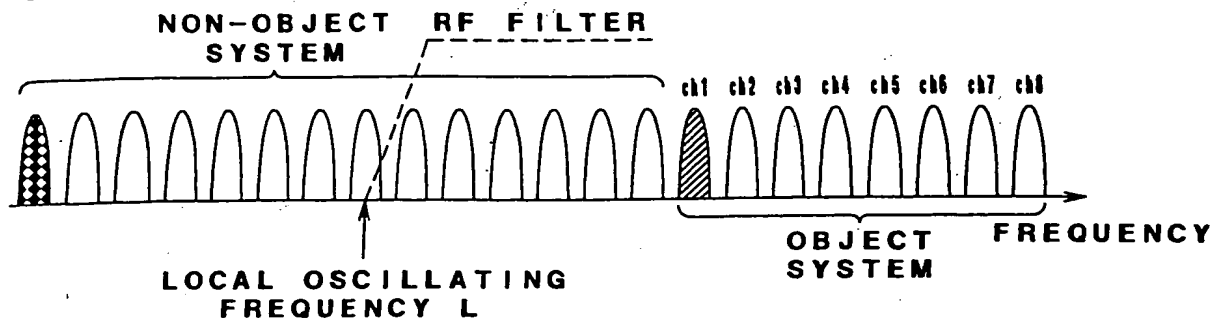


FIG.24

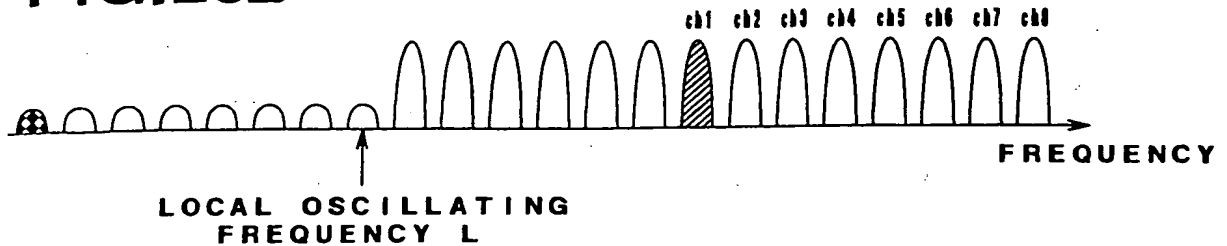


**FIG.25A**



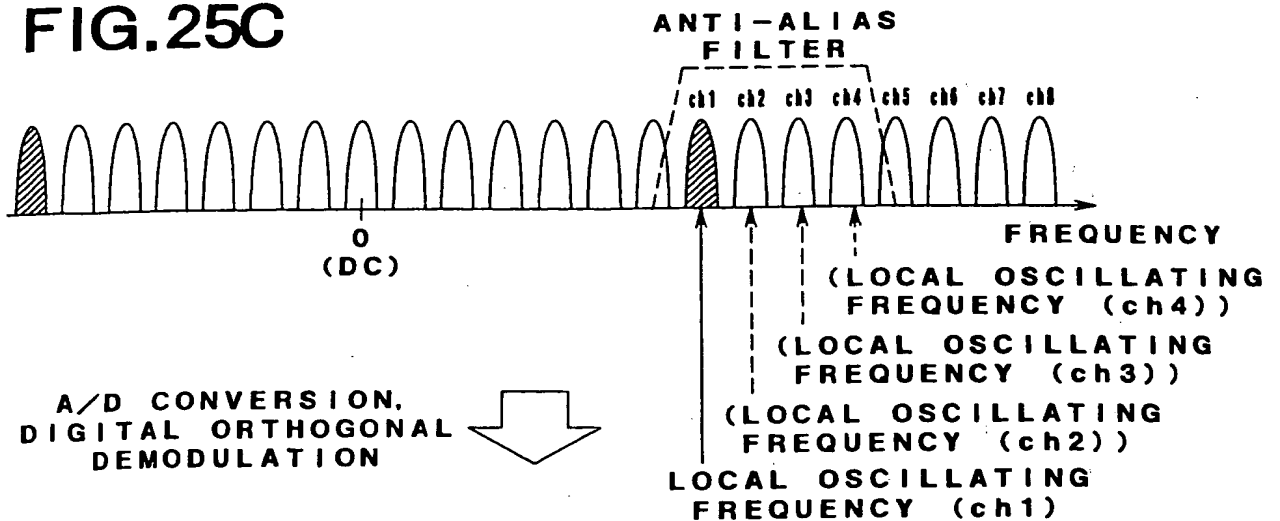
REJECTING IMAGE  
BY RF FILTER

**FIG.25B**

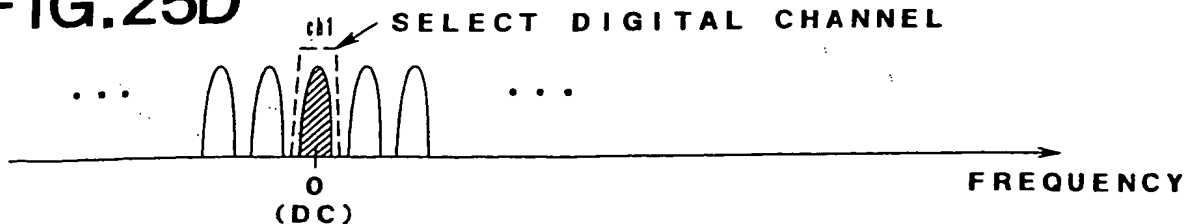


ANALOG ORTHOGONAL  
DEMODULATION AND  
IMAGE REJECTION

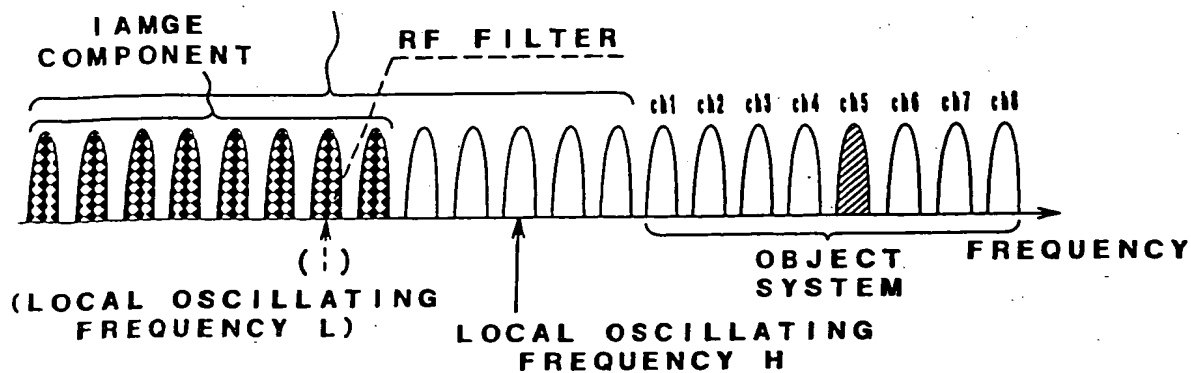
**FIG.25C**



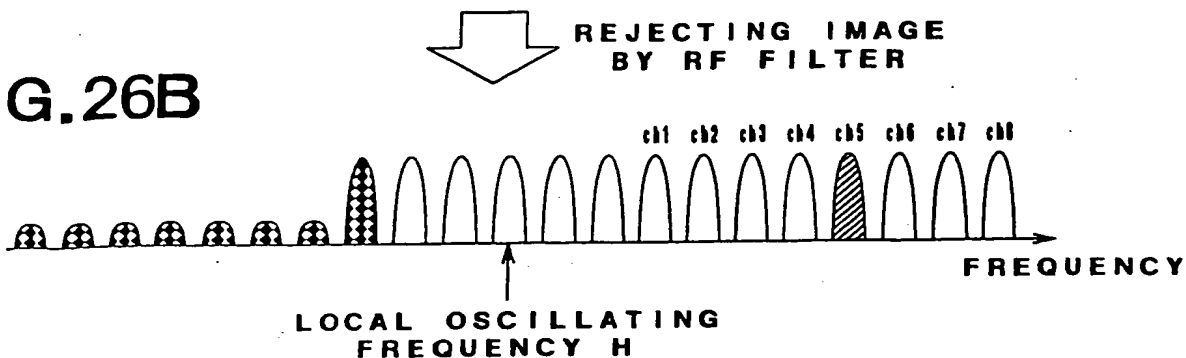
**FIG.25D**



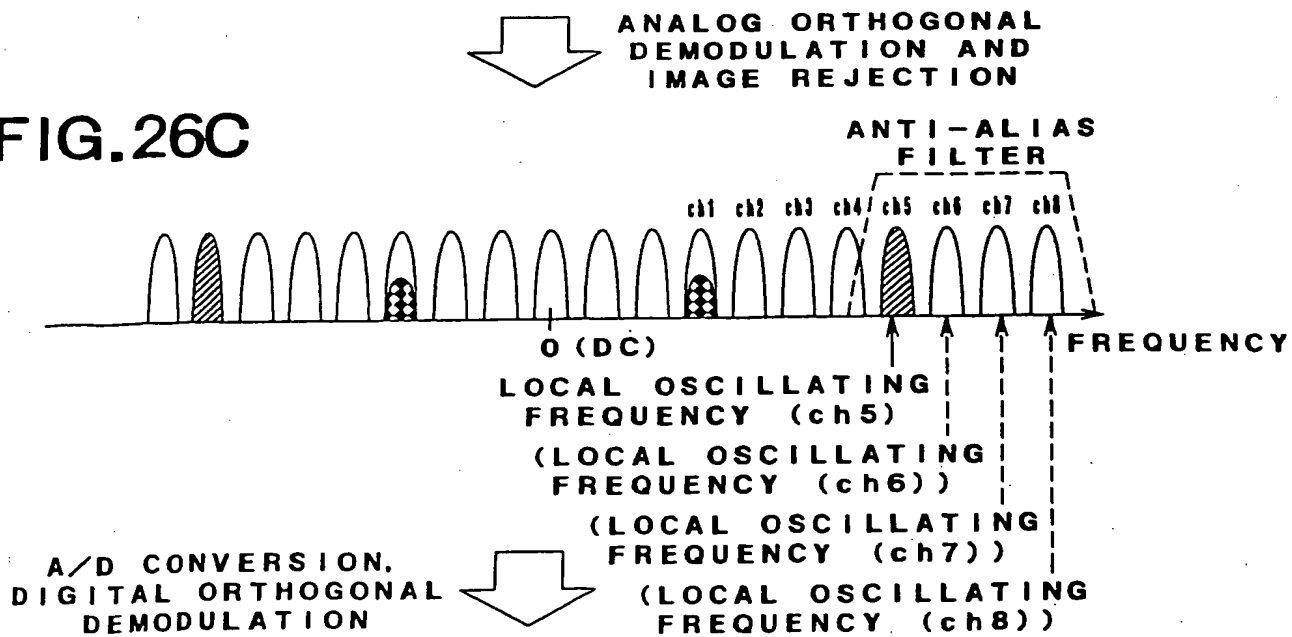
**FIG. 26A** NON-OBJECT SYSTEM



**FIG. 26B**



**FIG. 26C**



**FIG. 26D**

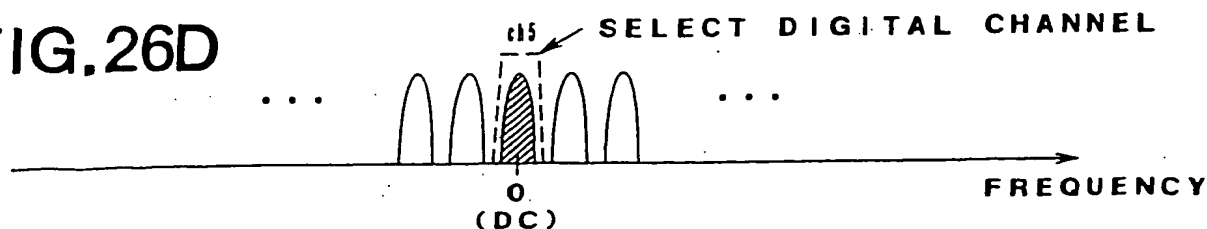


FIG.27

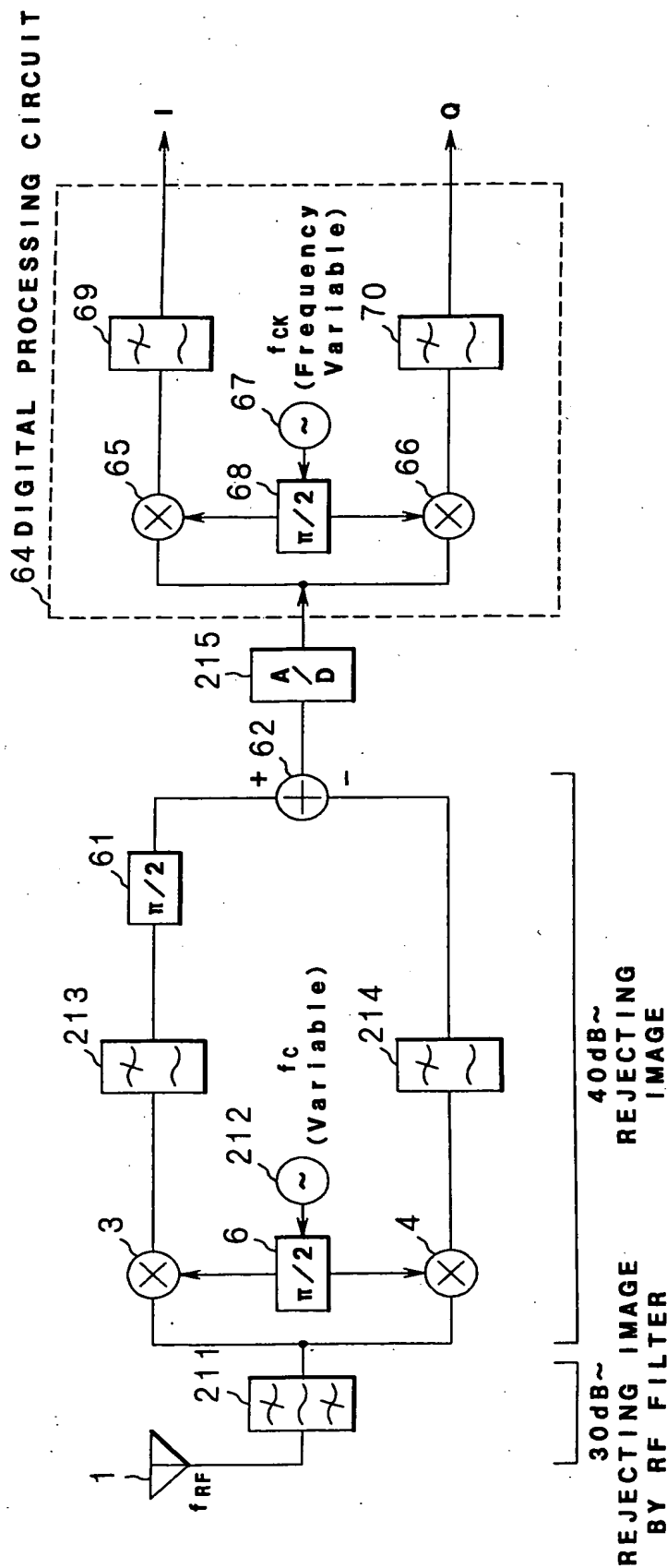
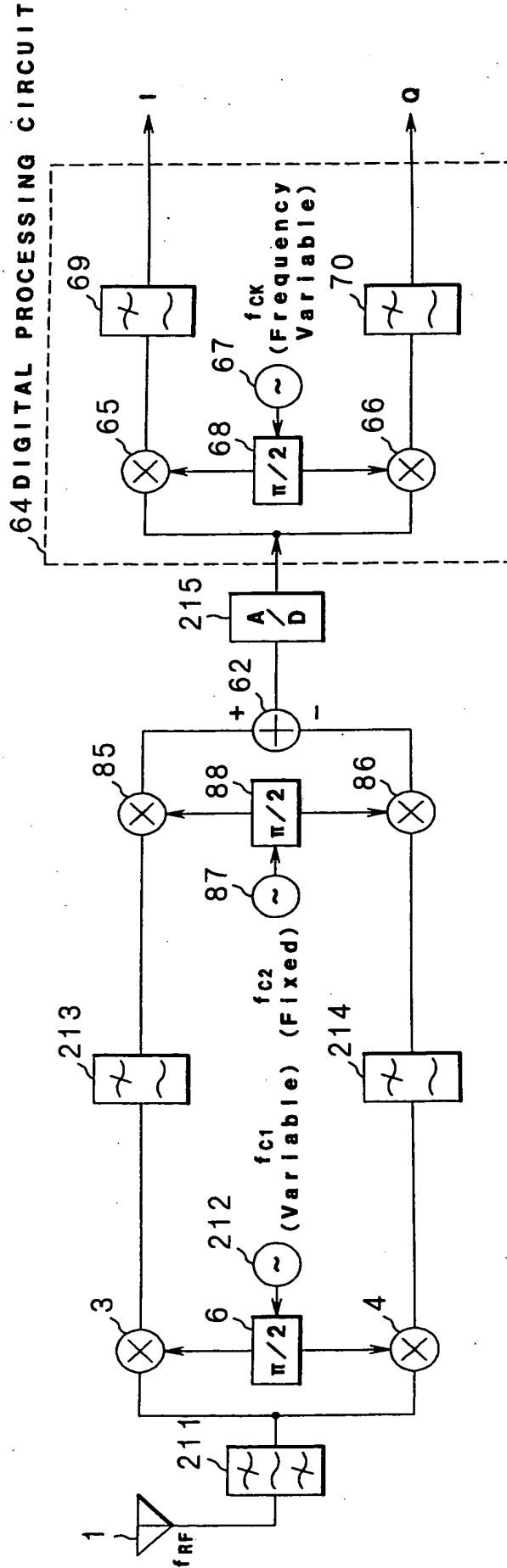
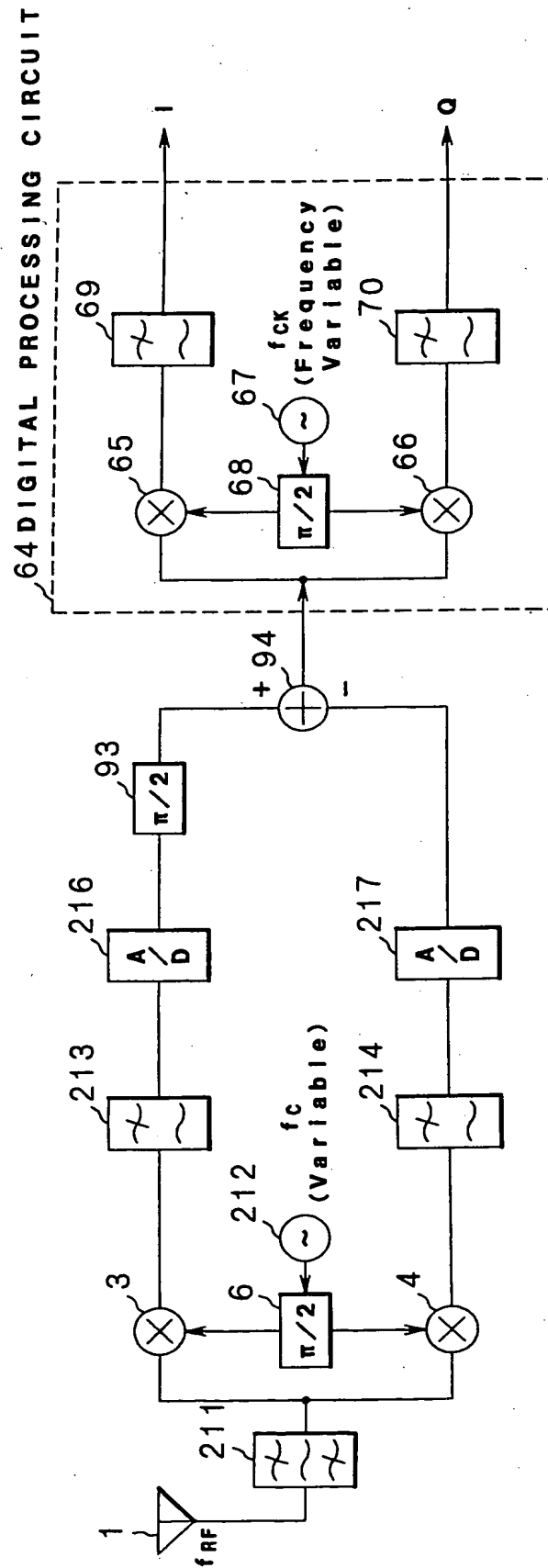


FIG.28





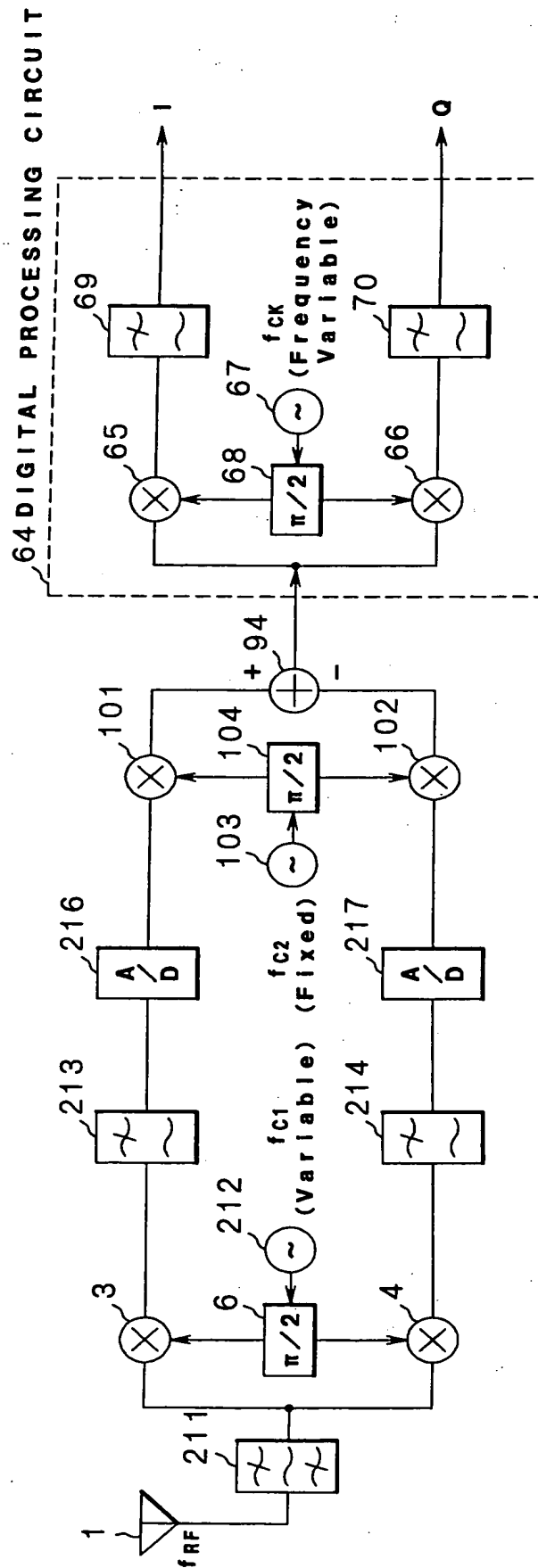




FIG.31

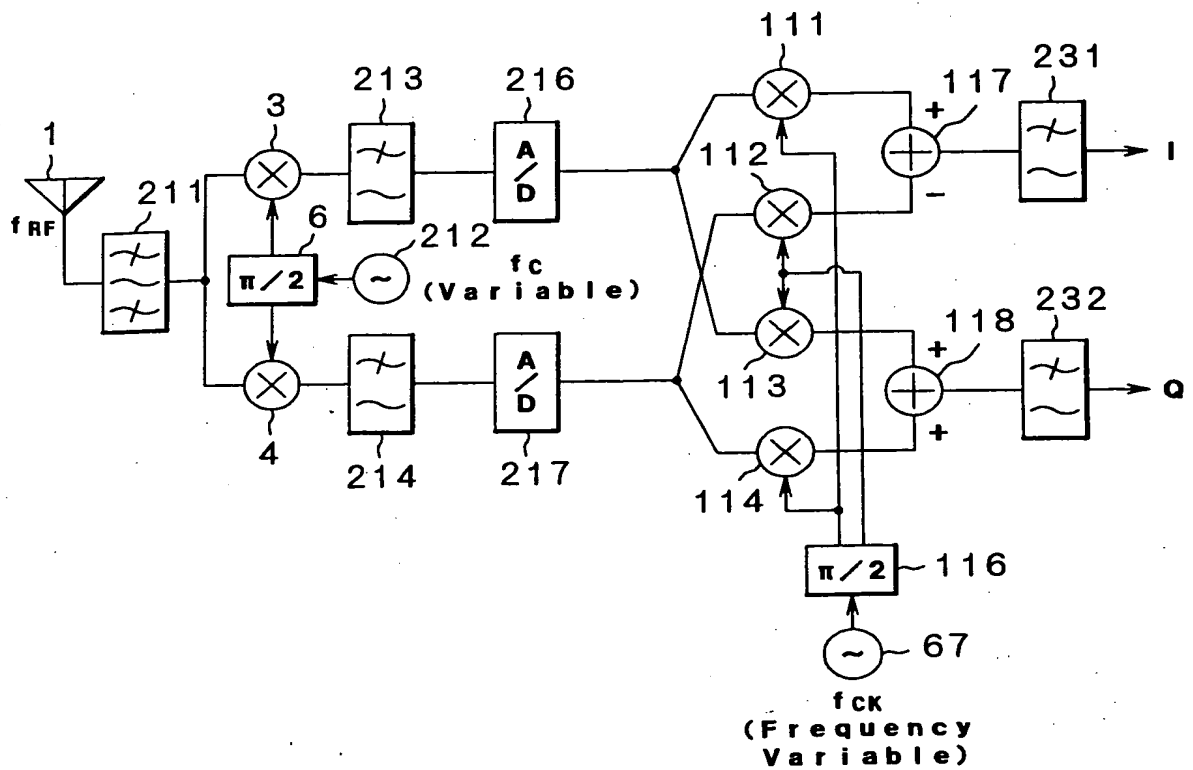


FIG.32

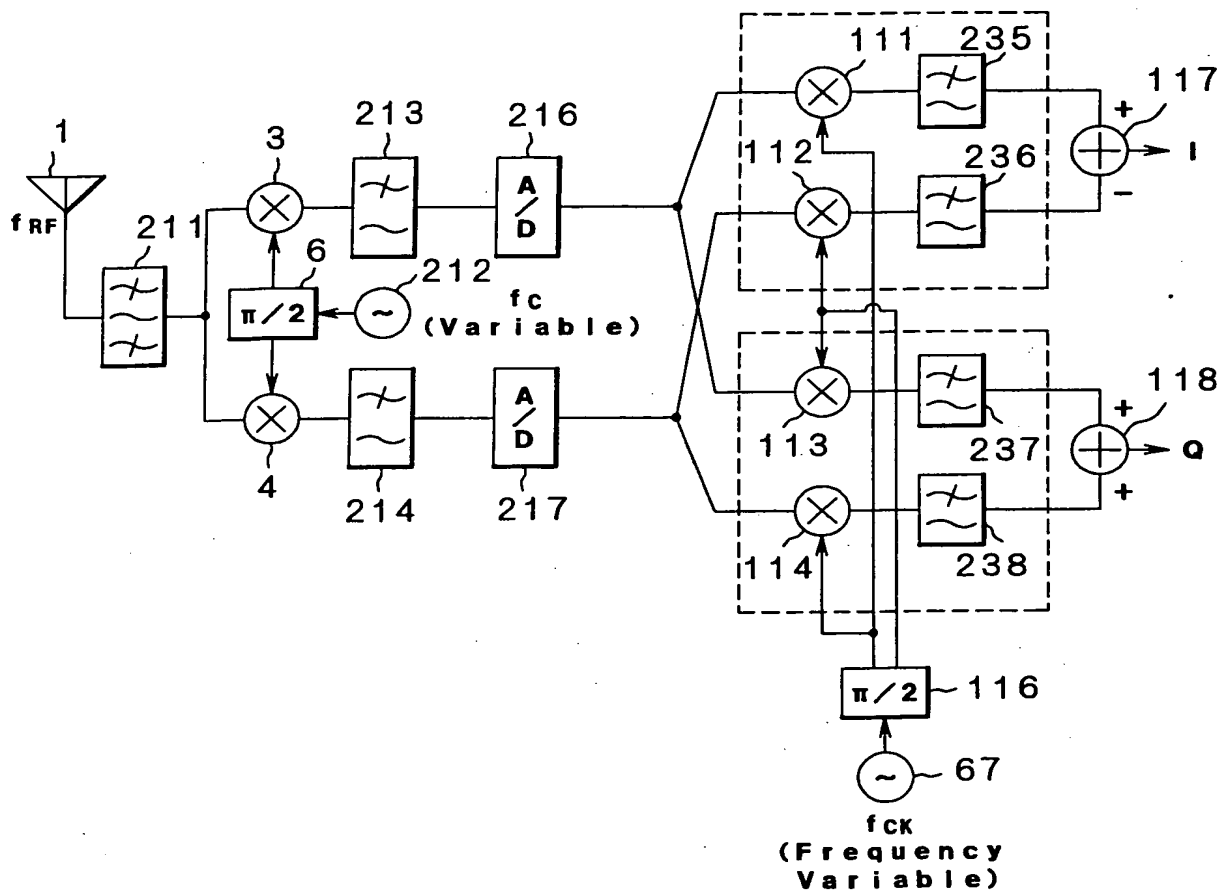


FIG.33

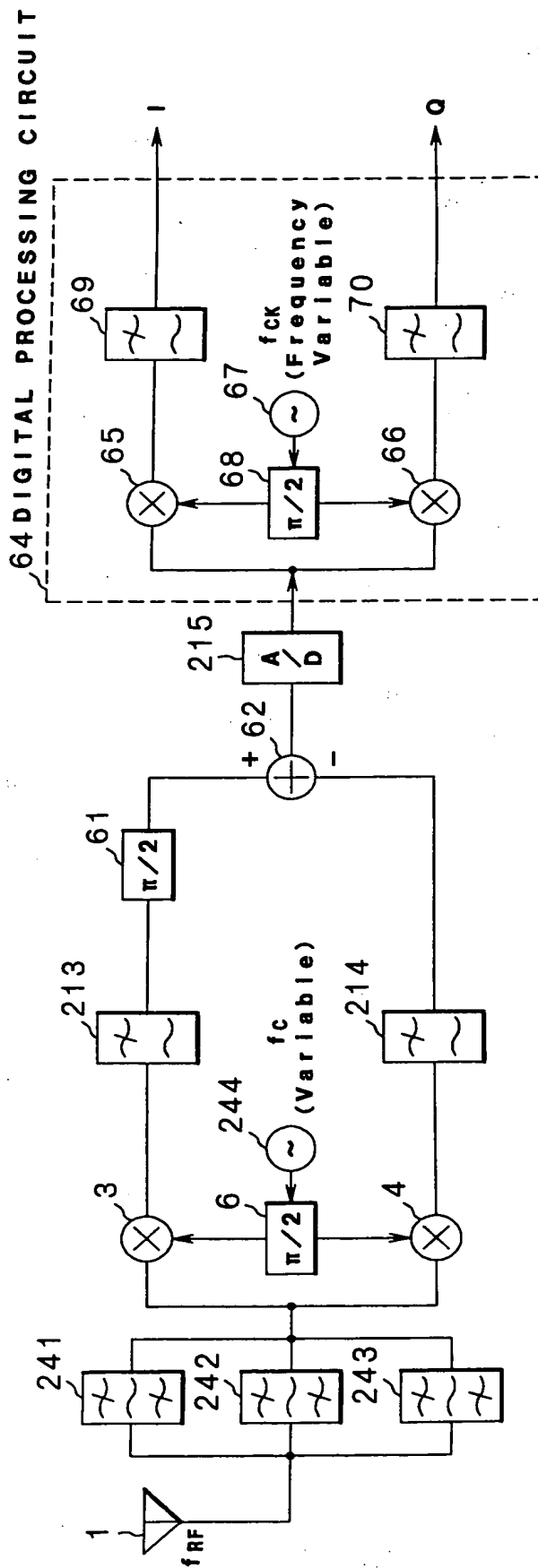


FIG.34

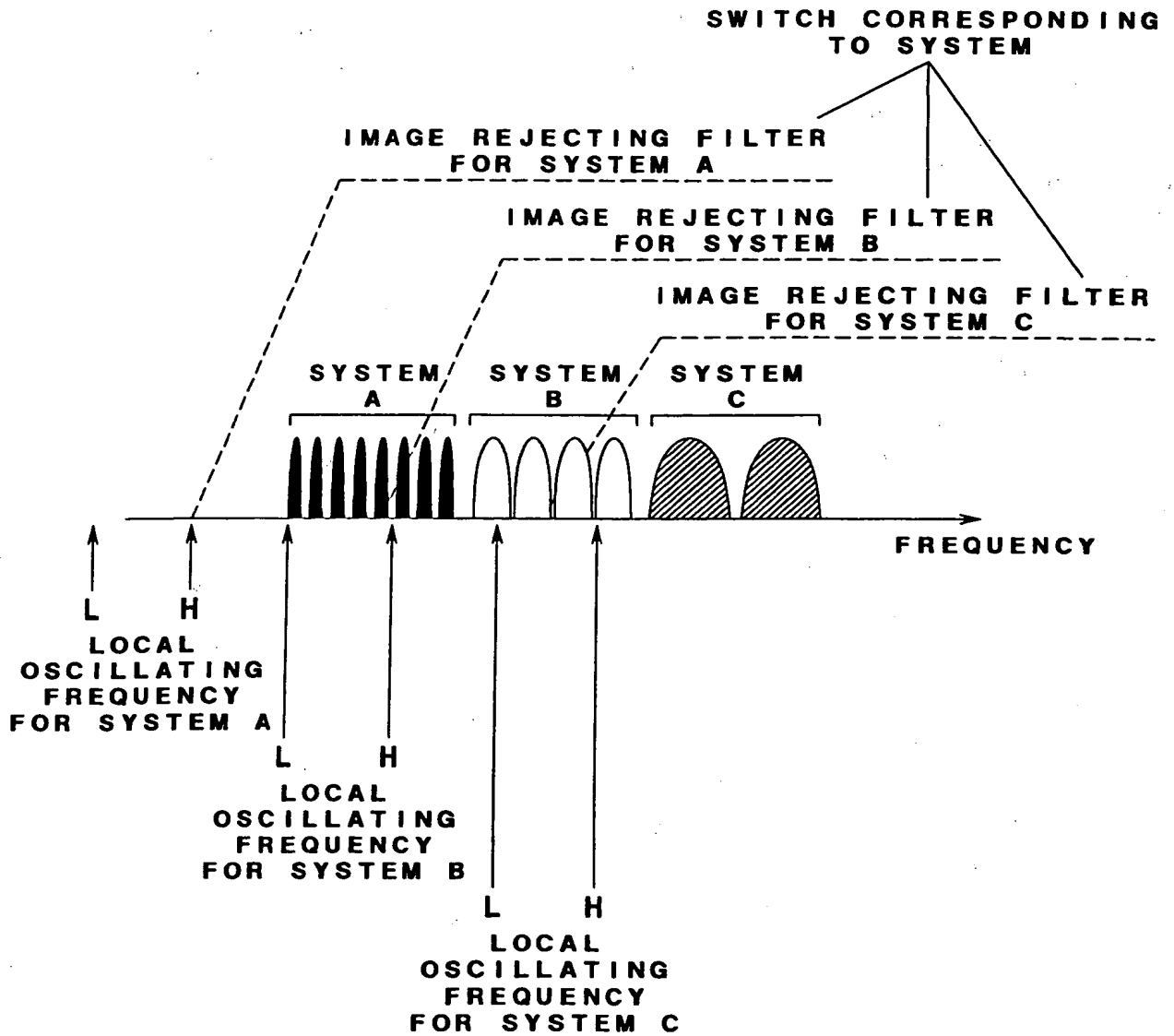
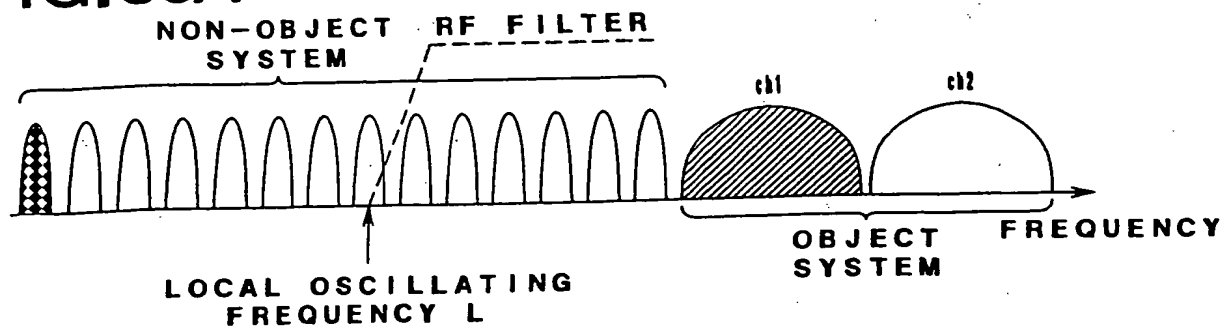
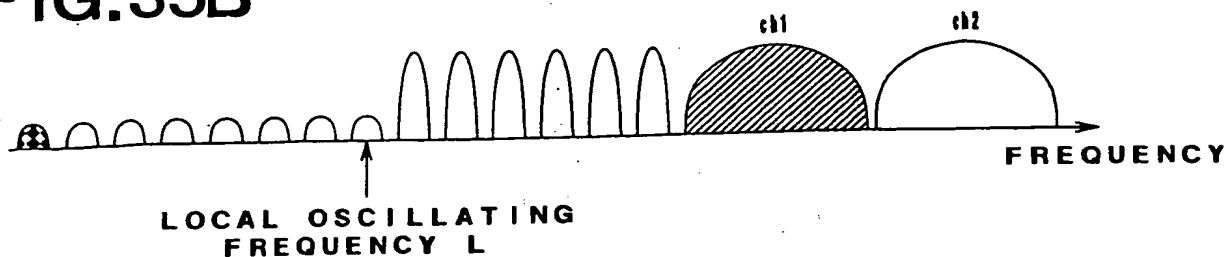


FIG.35A



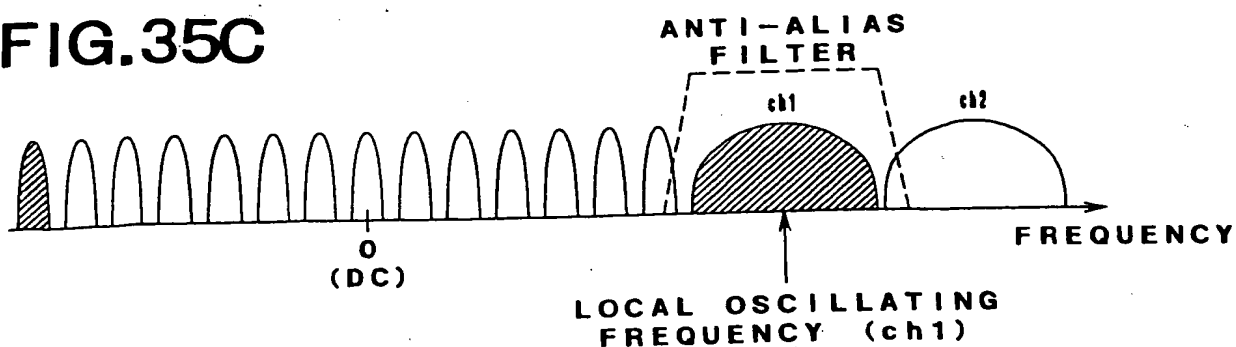
REJECTING IMAGE  
BY RF FILTER

FIG.35B



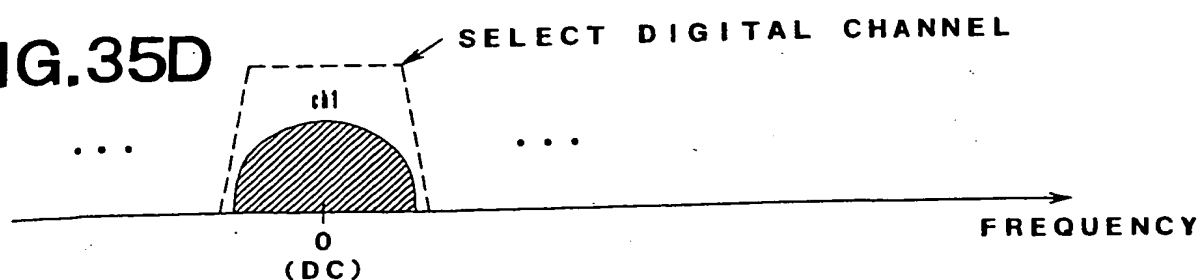
ANALOG ORTHOGONAL  
DEMODULATION AND  
IMAGE REJECTION

FIG.35C

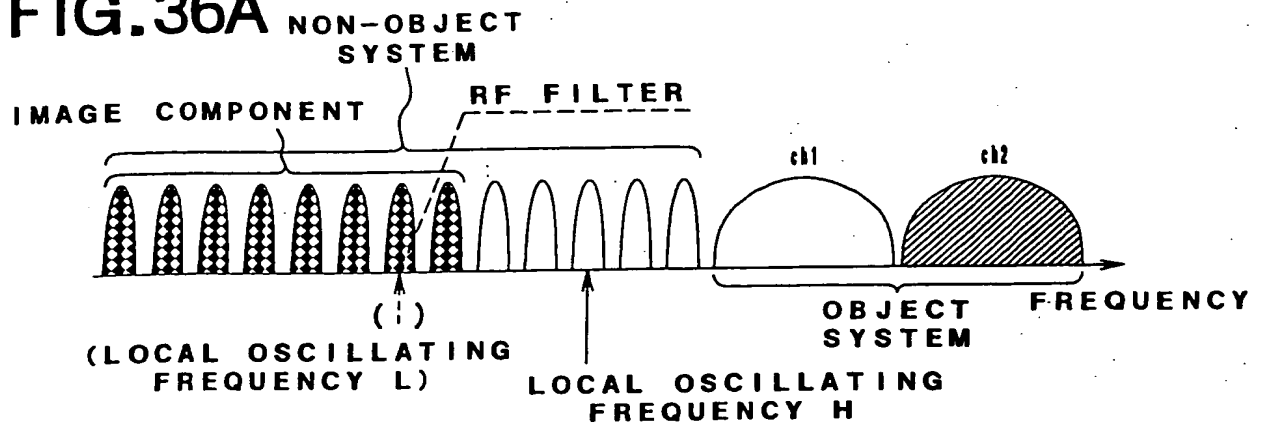


A/D CONVERSION,  
DIGITAL ORTHOGONAL  
DEMODULATION

FIG.35D

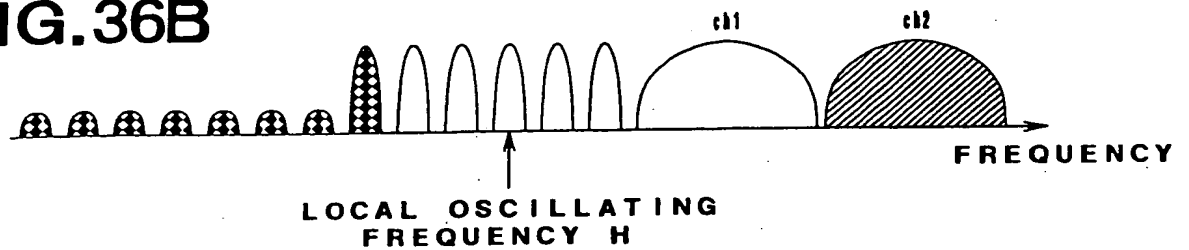


**FIG.36A**



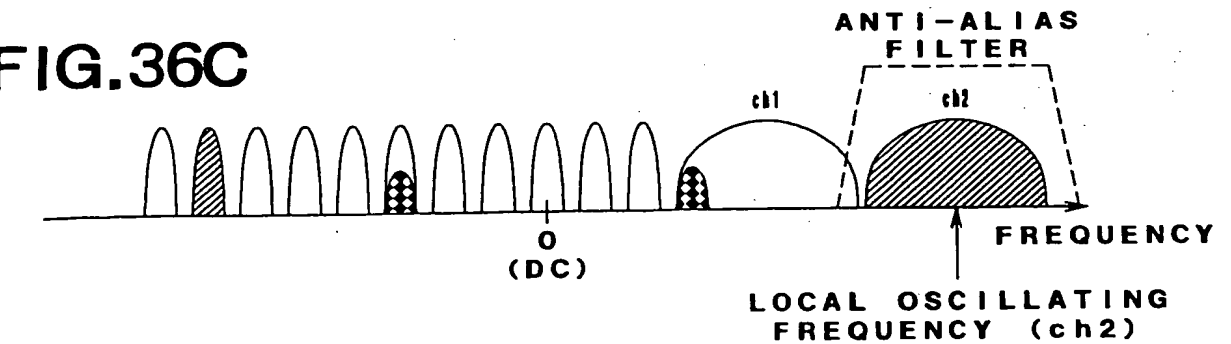
REJECTING IMAGE BY RF FILTER

**FIG.36B**



ANALOG ORTHOGONAL DEMODULATION AND IMAGE REJECTION

**FIG.36C**



A/D CONVERSION, DIGITAL ORTHOGONAL DEMODULATION

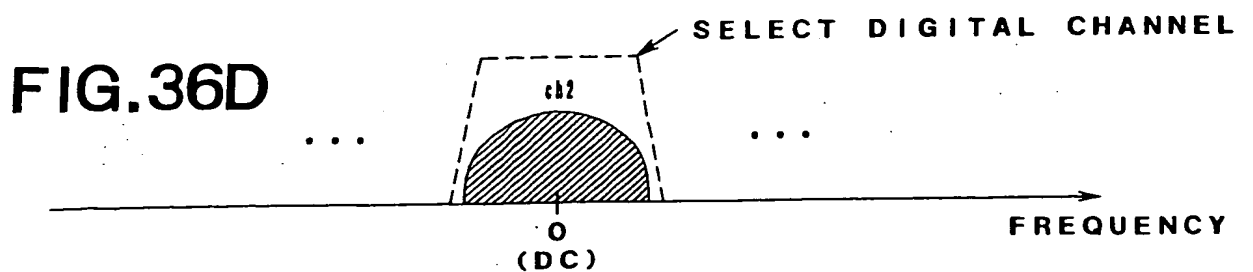
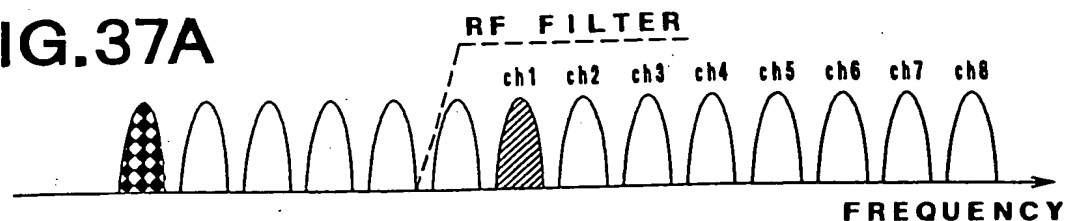
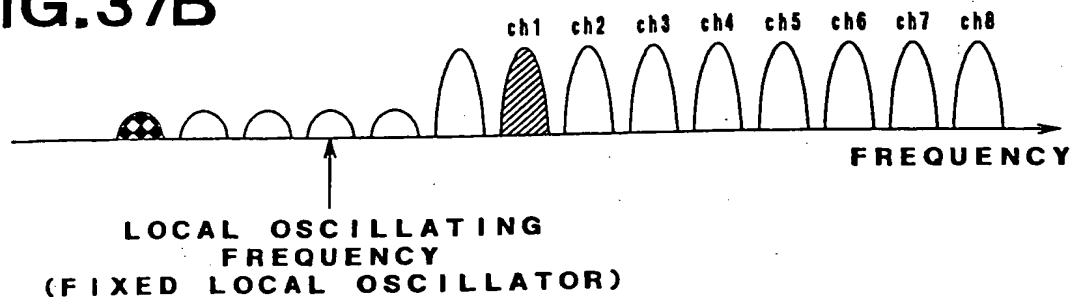


FIG.37A



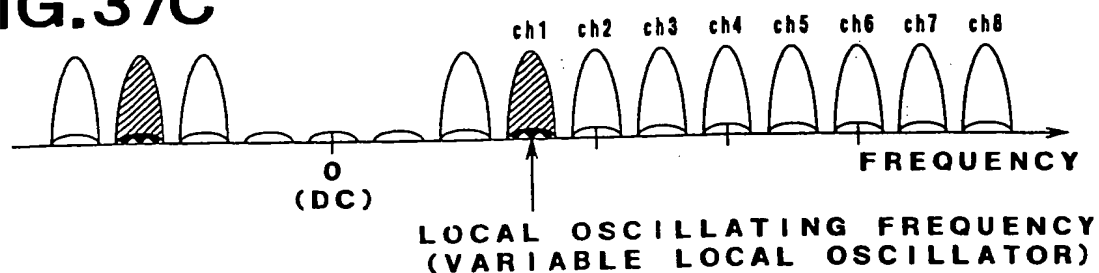
REJECTING IMAGE  
BY RF FILTER

FIG.37B



ANALOG ORTHOGONAL  
DEMODULATION,  
A/D CONVERSION,  
REJECTING IMAGE

FIG.37C



DIGITAL ORTHOGONAL  
DEMODULATION

FIG.37D

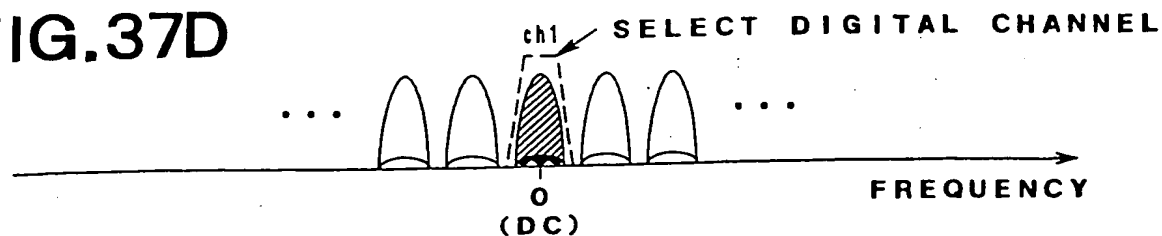
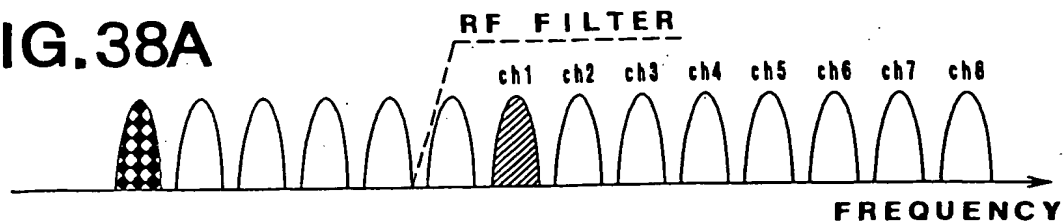
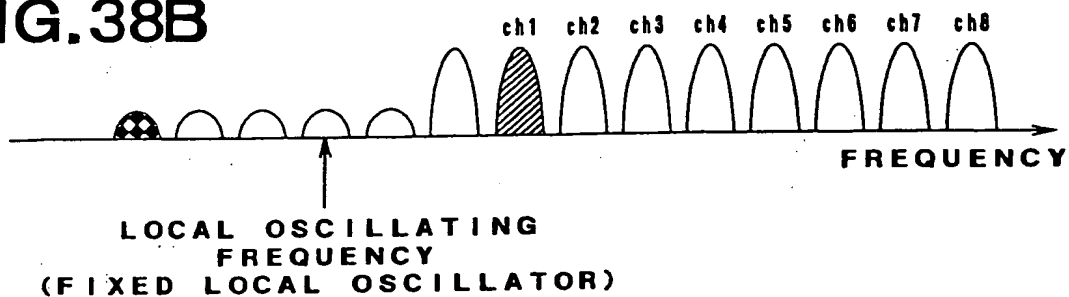


FIG.38A



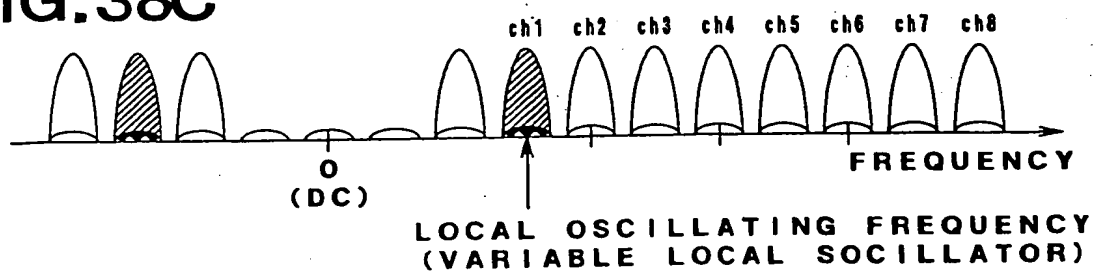
REJECTING IMAGE  
BY RF FILTER

FIG.38B



ANALOG ORTHOGONAL  
DEMODULATION,  
A/D CONVERSION

FIG.38C



DIGITAL ORTHOGONAL  
DEMODULATION,  
REJECTING IMAGE

FIG.38D

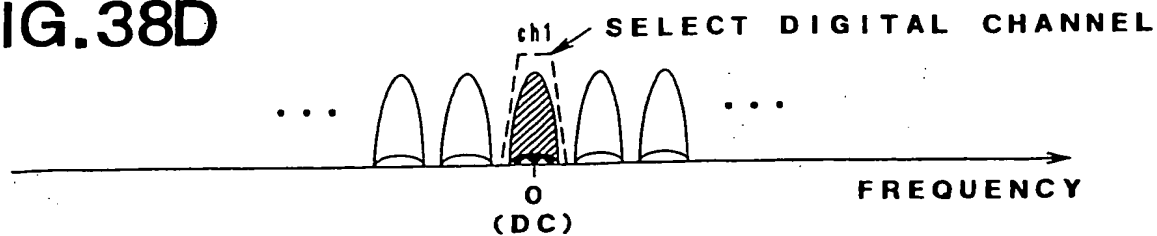
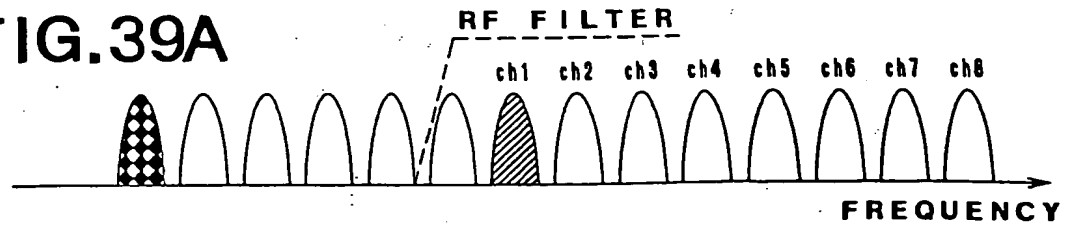


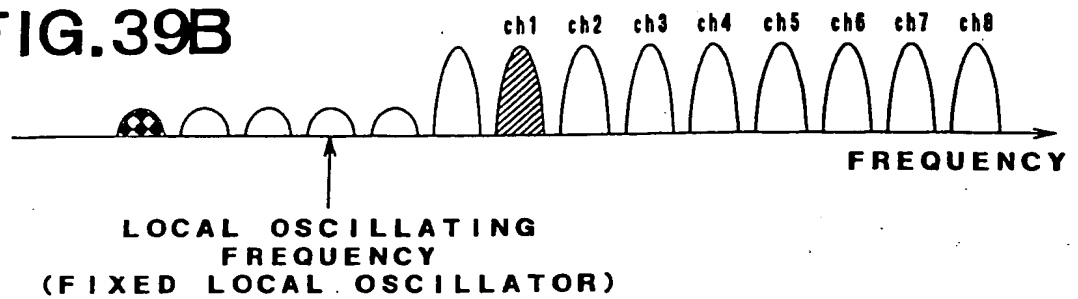


FIG.39A



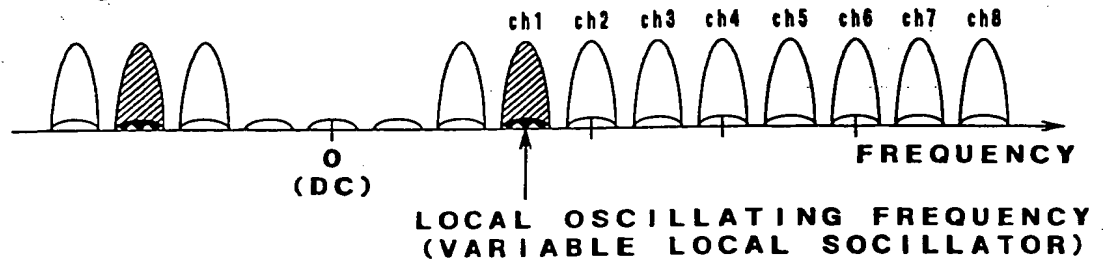
REJECTING IMAGE  
BY RF FILTER

FIG.39B



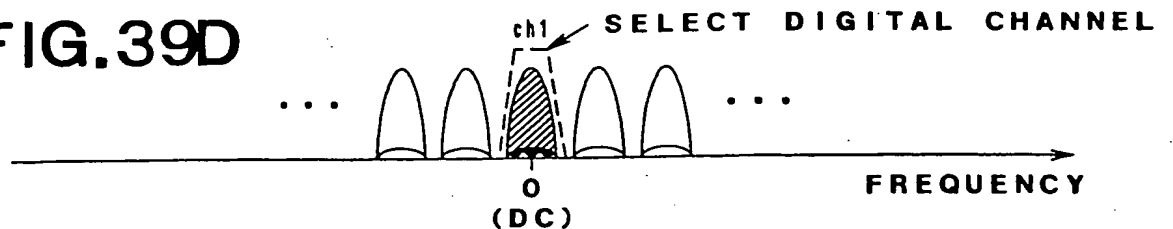
ANALOG ORTHOGONAL  
DEMULATION.  
A/D CONVERSION

FIG.39C



DIGITAL ORTHOGONAL  
DEMULATION

FIG.39D



REJECTING IMAGE

FIG.39E

